

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063432.D
 Acq On : 17 Sep 2020 20:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 18 02:52:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	264408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	470217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	434244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	209921	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	221548	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
35) Dibromofluoromethane	7.55	113	154437	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
50) Toluene-d8	10.06	98	581661	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
62) 4-Bromofluorobenzene	12.38	95	226559	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	135483	45.229	ug/l	100
3) Chloromethane	2.04	50	176233	44.473	ug/l	98
4) Vinyl Chloride	2.16	62	170219	48.483	ug/l	99
5) Bromomethane	2.53	94	103626	49.711	ug/l	99
6) Chloroethane	2.67	64	103448	48.000	ug/l	97
7) Trichlorofluoromethane	2.99	101	244934	46.759	ug/l	99
8) Diethyl Ether	3.37	74	96759	47.384	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	134101	45.522	ug/l	99
10) Methyl Iodide	3.91	142	186706	48.680	ug/l	99
11) Tert butyl alcohol	4.72	59	136491	218.898	ug/l	99
12) 1,1-Dichloroethene	3.70	96	137698	46.148	ug/l	97
13) Acrolein	3.57	56	52961	229.195	ug/l	98
14) Allyl chloride	4.28	41	271321	45.970	ug/l	99
15) Acrylonitrile	4.93	53	381262	240.381	ug/l	99
16) Acetone	3.77	43	345467	238.826	ug/l	98
17) Carbon Disulfide	4.01	76	386133	44.490	ug/l	100
18) Methyl Acetate	4.28	43	178070	48.492	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	518820	46.653	ug/l	100
20) Methylene Chloride	4.51	84	166815	45.516	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	151136	45.718	ug/l	99
22) Diisopropyl ether	5.90	45	569394	47.303	ug/l	99
23) Vinyl Acetate	5.84	43	2387360	241.496	ug/l	100
24) 1,1-Dichloroethane	5.80	63	307501	46.792	ug/l	99
25) 2-Butanone	6.78	43	526577	236.694	ug/l	98
26) 2,2-Dichloropropane	6.78	77	228444	39.482	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	176872	47.269	ug/l	100
28) Bromochloromethane	7.15	49	146289	48.211	ug/l	98
29) Tetrahydrofuran	7.17	42	358288	235.804	ug/l	99
30) Chloroform	7.33	83	311263	47.209	ug/l	99
31) Cyclohexane	7.61	56	253169	40.727	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	273933	46.712	ug/l	100
36) 1,1-Dichloropropene	7.75	75	227538	45.421	ug/l	99
37) Ethyl Acetate	6.88	43	234908	47.778	ug/l	99
38) Carbon Tetrachloride	7.74	117	229425	44.865	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	233646	42.974	ug/l	99
40) Benzene	8.00	78	663473	46.396	ug/l	97
41) Methacrylonitrile	7.16	41	337800	152.760	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	275986	47.991	ug/l	100
43) Isopropyl Acetate	8.13	43	398600	45.340	ug/l	100
44) Trichloroethene	8.80	130	158103	45.583	ug/l	99
45) 1,2-Dichloropropane	9.08	63	183150	47.025	ug/l	98
46) Dibromomethane	9.18	93	122726	47.942	ug/l	99
47) Bromodichloromethane	9.37	83	252612	47.501	ug/l	99
48) Methyl methacrylate	9.17	41	197511	45.728	ug/l	98
49) 1,4-Dioxane	9.17	88	54870	885.226	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1184557	240.679	ug/l	100
52) Toluene	10.13	92	412575	47.986	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	278946	46.984	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	288789	46.115	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	166458	48.742	ug/l	99
56) Ethyl methacrylate	10.40	69	258854	48.553	ug/l	98
57) 1,3-Dichloropropane	10.68	76	290566	47.181	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	673077	240.666	ug/l	99
59) 2-Hexanone	10.72	43	864883	242.559	ug/l	100
60) Dibromochloromethane	10.87	129	187464	48.589	ug/l	97
61) 1,2-Dibromoethane	10.98	107	173529	48.909	ug/l	100
64) Tetrachloroethene	10.60	164	140478	47.509	ug/l	99
65) Chlorobenzene	11.41	112	427026	46.326	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	161382	47.762	ug/l	99
67) Ethyl Benzene	11.49	91	815959	47.005	ug/l	99
68) m/p-Xylenes	11.59	106	583020	93.153	ug/l	99
69) o-Xylene	11.92	106	285256	47.845	ug/l	99
70) Styrene	11.94	104	493992	49.407	ug/l	99
71) Bromoform	12.10	173	122143	48.524	ug/l #	100
73) Isopropylbenzene	12.23	105	757630	45.038	ug/l	99
74) N-amyl acetate	12.05	43	367304	46.126	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	239877	46.054	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	329288	63.375	ug/l #	100
77) Bromobenzene	12.50	156	179213	47.361	ug/l	98
78) n-propylbenzene	12.57	91	897208	45.793	ug/l	99
79) 2-Chlorotoluene	12.65	91	545714	46.464	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	658667	46.956	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	83116	43.857	ug/l	97
82) 4-Chlorotoluene	12.75	91	572748	46.154	ug/l	100
83) tert-Butylbenzene	12.97	119	524792	45.329	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	669646	47.262	ug/l	99
85) sec-Butylbenzene	13.15	105	713293	46.028	ug/l	100
86) p-Isopropyltoluene	13.26	119	635619	46.502	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	328944	46.902	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	327644	45.949	ug/l	99
89) n-Butylbenzene	13.59	91	582297	46.218	ug/l	99
90) Hexachloroethane	13.85	117	114772	44.097	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	325219	47.231	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	55131	44.450	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

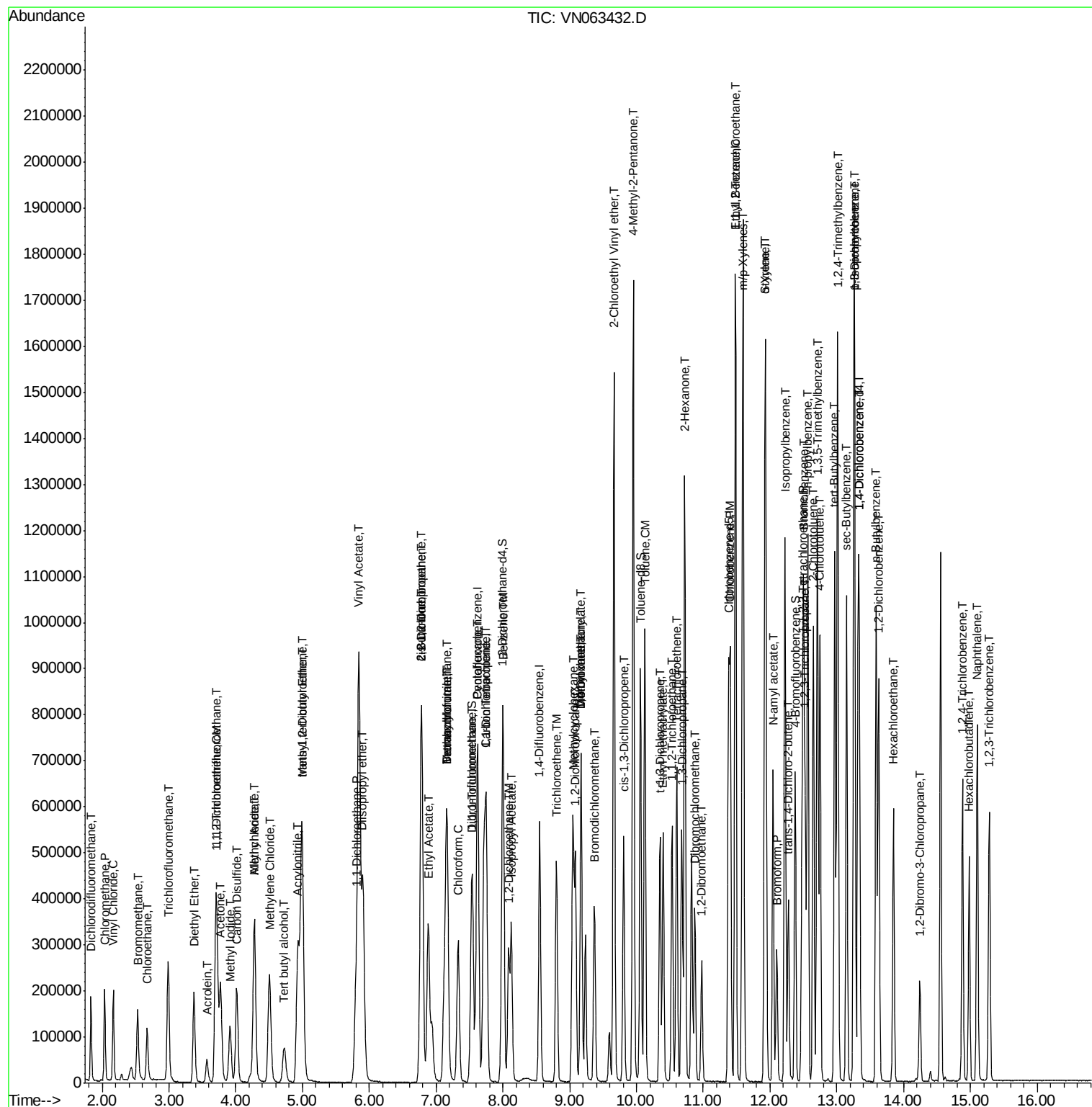
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	186973	46.060	ug/l	100
94) Hexachlorobutadiene	14.98	225	79890	47.539	ug/l	97
95) Naphthalene	15.10	128	615782	45.915	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	177581	45.276	ug/l	99

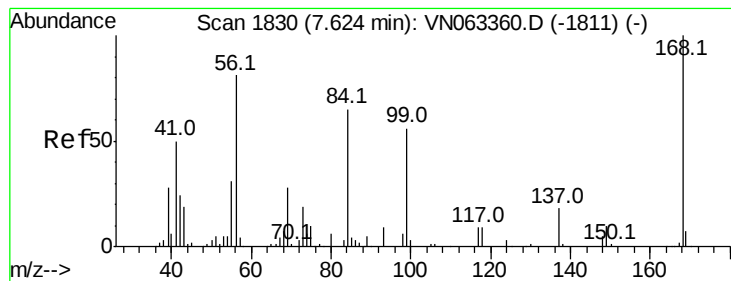
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063432.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

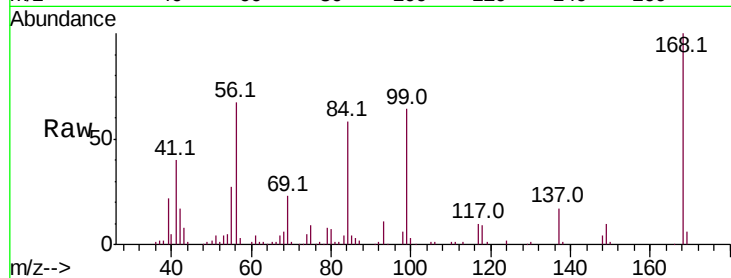
VSTDCCC050EC

Tot Ion:168 Resp: 264408

Ion Ratio Lower Upper

168 100

99 64.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

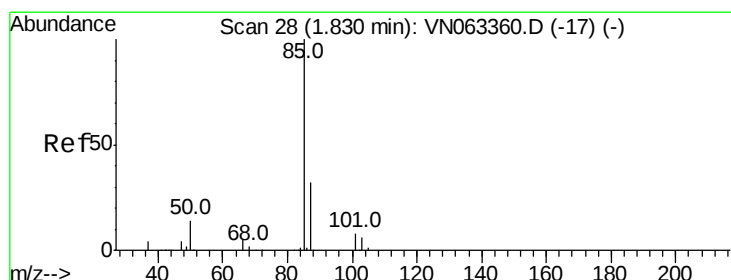
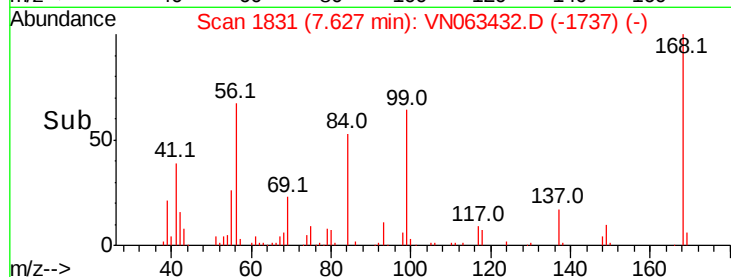
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.229 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063432.D

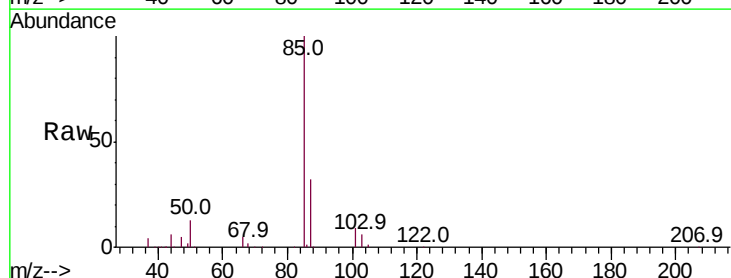
Acq: 17 Sep 2020 20:24

Tgt Ion: 85 Resp: 135483

Ion Ratio Lower Upper

85 100

87 31.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

120000

100000

80000

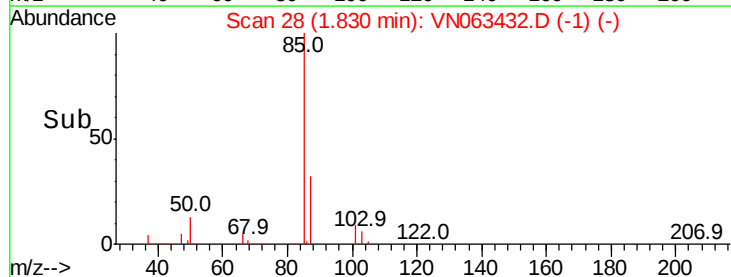
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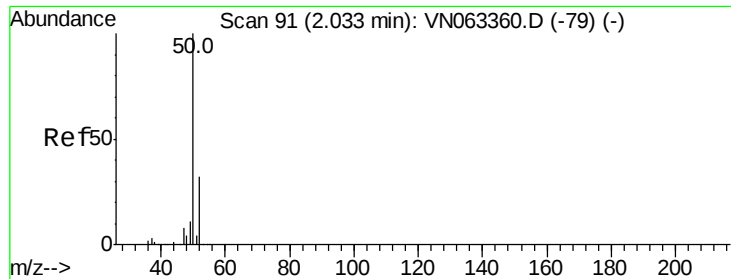
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20000

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Time-->

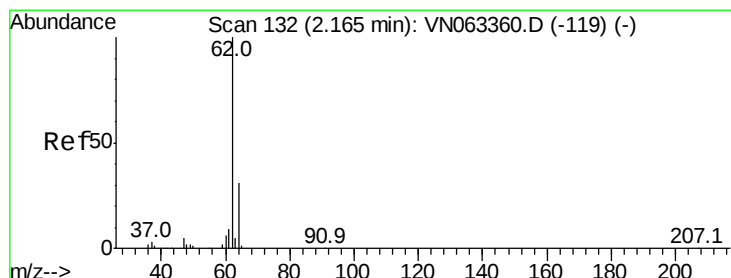
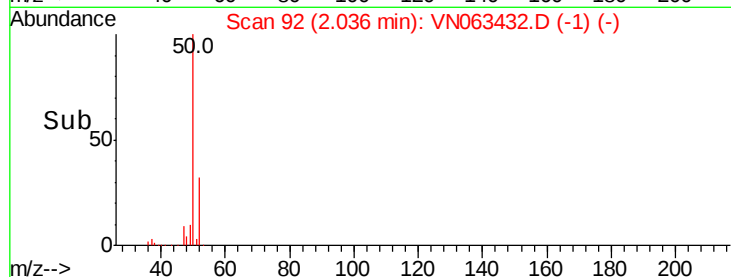
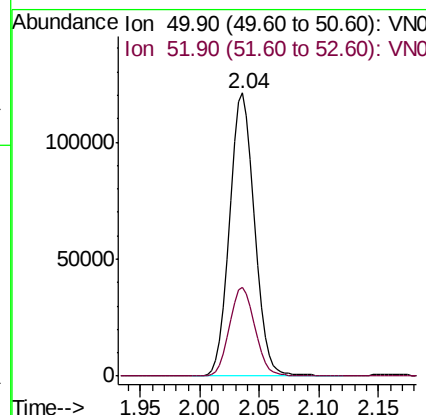
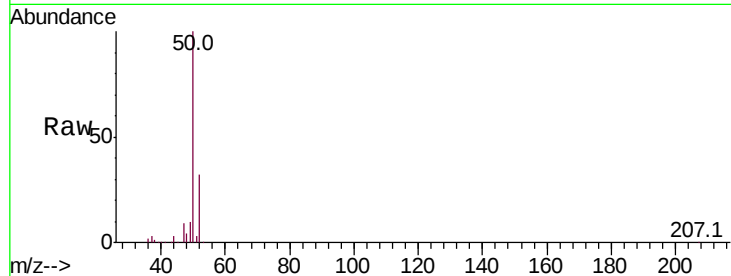




#3
Chloromethane
Concen: 44.473 ug/l
RT: 2.04 min Scan# 92
Delta R.T. 0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

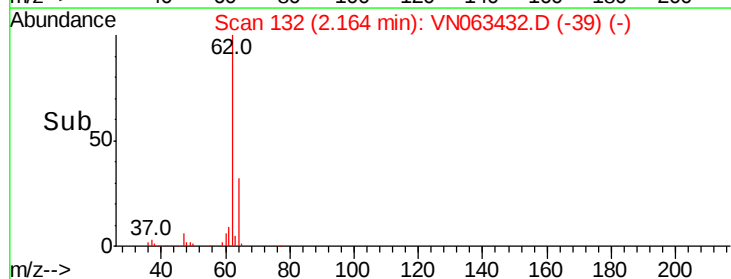
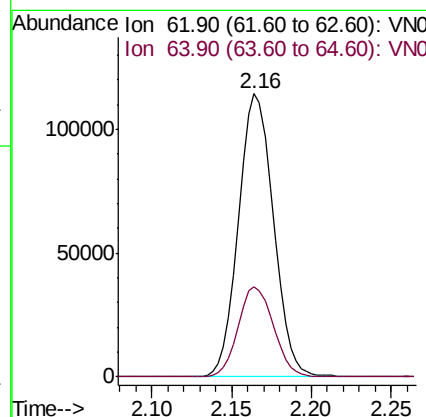
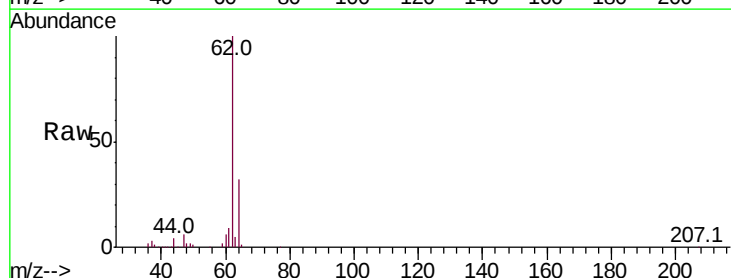
Instrument :
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ClientSampleId :
VSTDCCC050EC

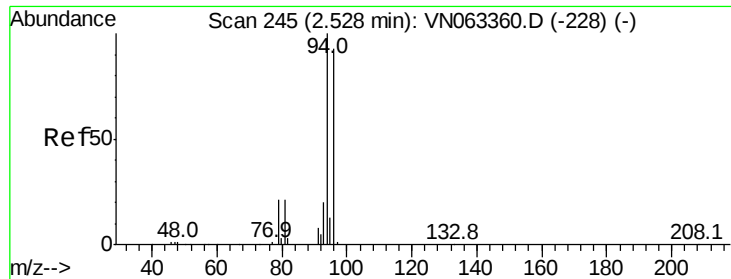
Tot Ion: 50 Resp: 176233
Ion Ratio Lower Upper
50 100
52 31.5 25.9 38.9



#4
Vinyl Chloride
Concen: 48.483 ug/l
RT: 2.16 min Scan# 132
Delta R.T. -0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

Tgt Ion: 62 Resp: 170219
Ion Ratio Lower Upper
62 100
64 32.0 25.1 37.7





#5

Bromomethane

Concen: 49.711 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

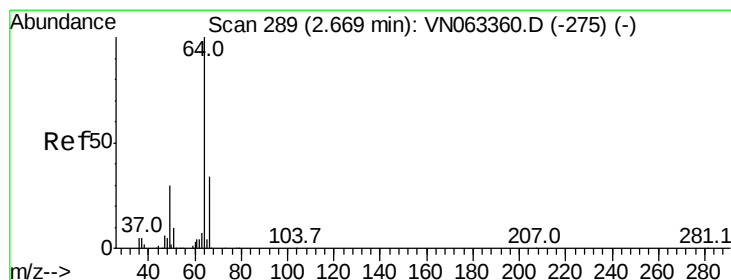
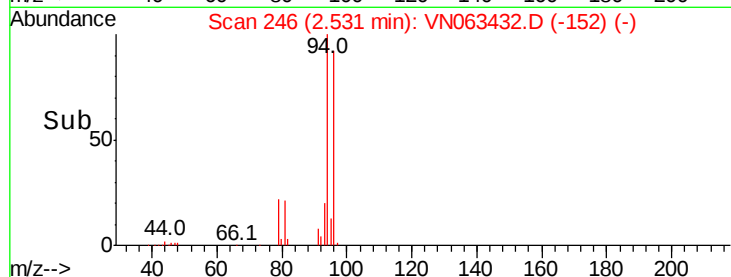
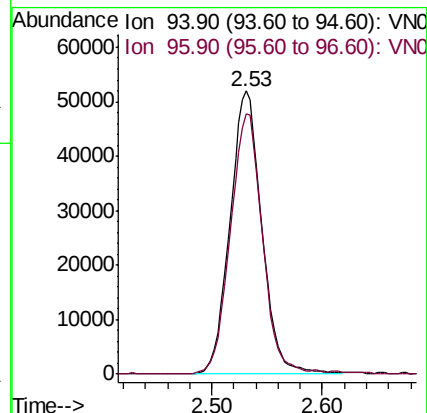
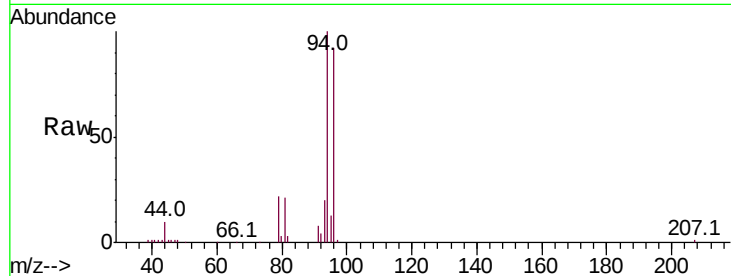
VSTDCCC050EC

Tot Ion: 94 Resp: 103626

Ion Ratio Lower Upper

94 100

96 91.9 74.5 111.7



#6

Chloroethane

Concen: 48.000 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063432.D

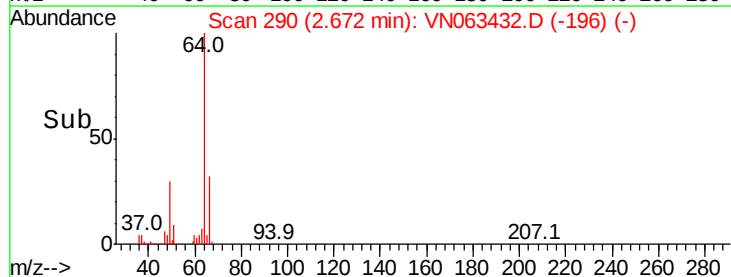
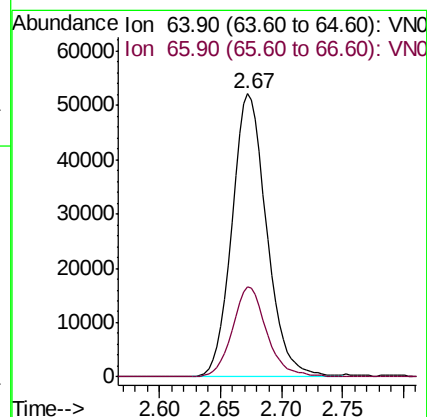
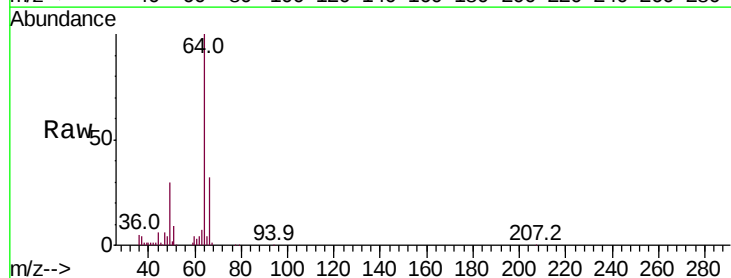
Acq: 17 Sep 2020 20:24

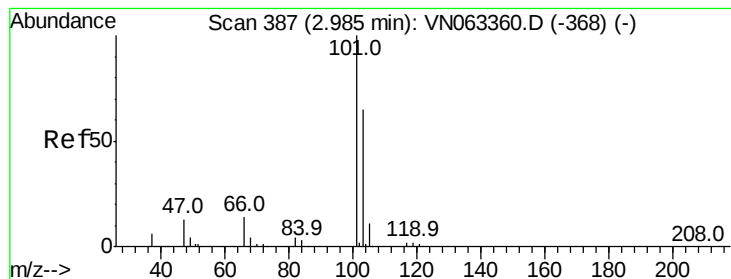
Tgt Ion: 64 Resp: 103448

Ion Ratio Lower Upper

64 100

66 31.7 26.9 40.3



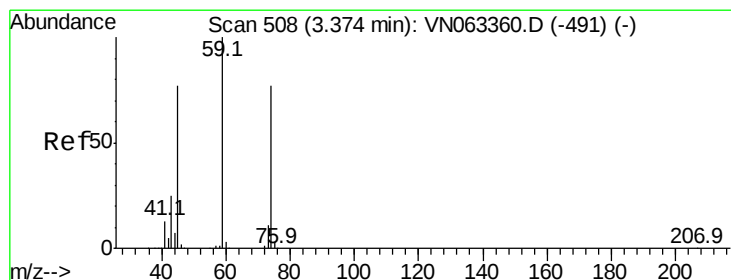
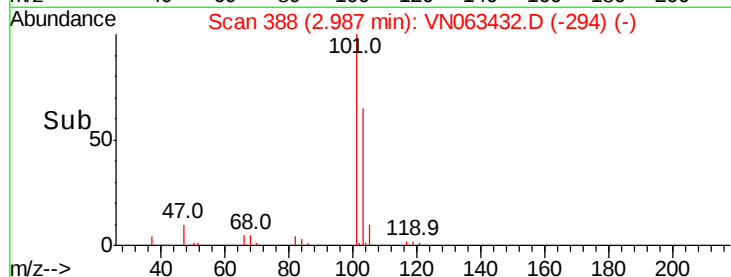
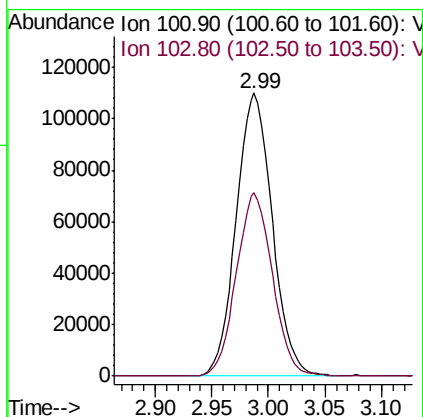
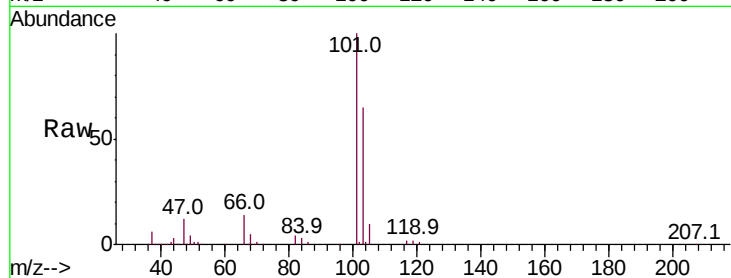


#7

Trichlorofluoromethane
 Concen: 46.759 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063432.D
 Acq: 17 Sep 2020 20:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

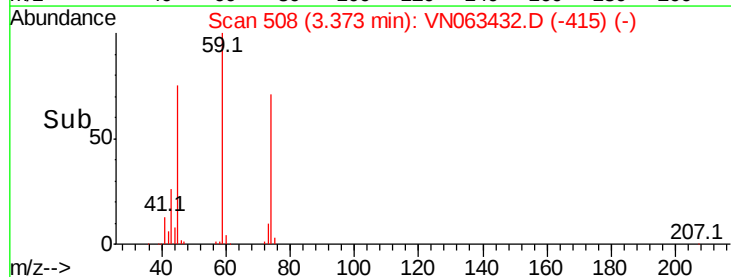
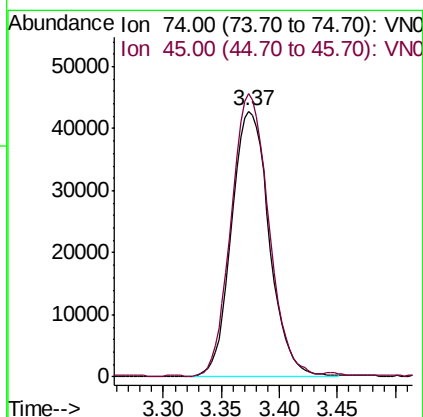
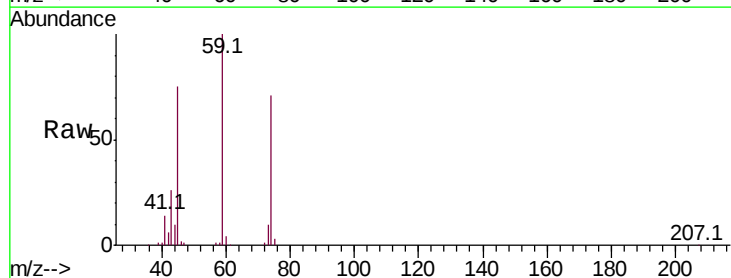
Tot Ion:101 Resp: 244934
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.3 78.5

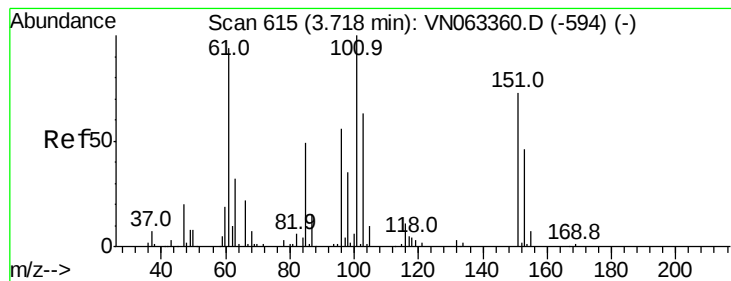


#8

Diethyl Ether
 Concen: 47.384 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063432.D
 Acq: 17 Sep 2020 20:24

Tgt Ion: 74 Resp: 96759
 Ion Ratio Lower Upper
 74 100
 45 106.6 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.522 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

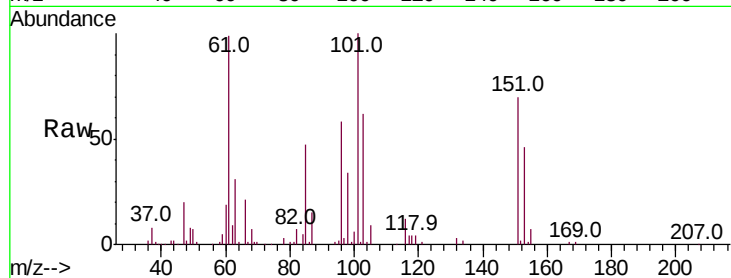
Tot Ion:101 Resp: 134101

Ion Ratio Lower Upper

101 100

85 47.3 37.7 56.5

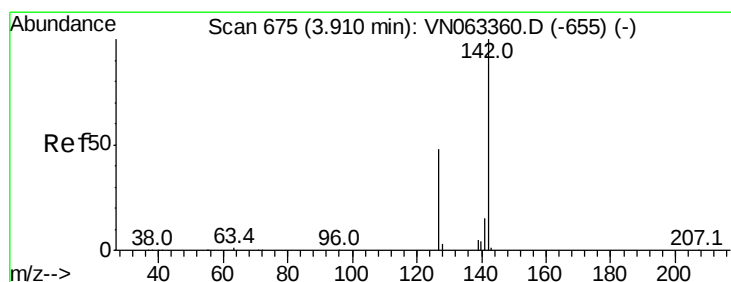
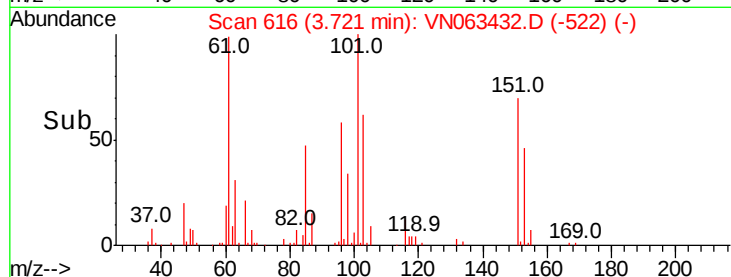
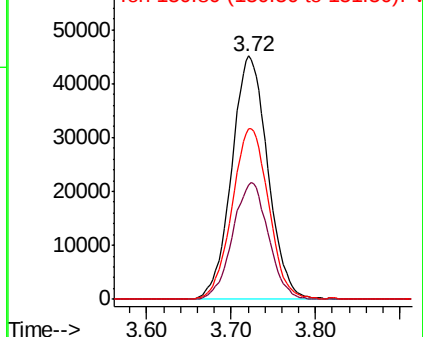
151 71.3 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.680 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

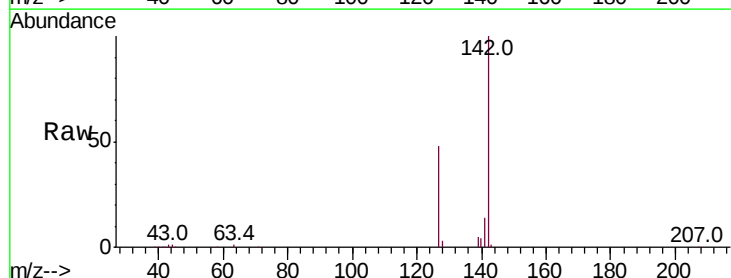
Tgt Ion:142 Resp: 186706

Ion Ratio Lower Upper

142 100

127 49.4 39.0 58.6

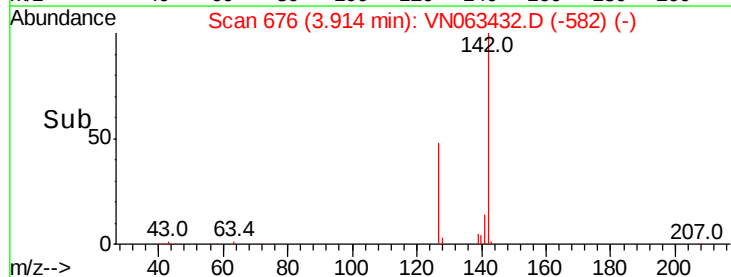
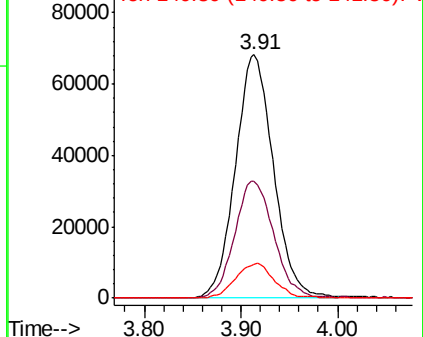
141 14.5 11.6 17.4

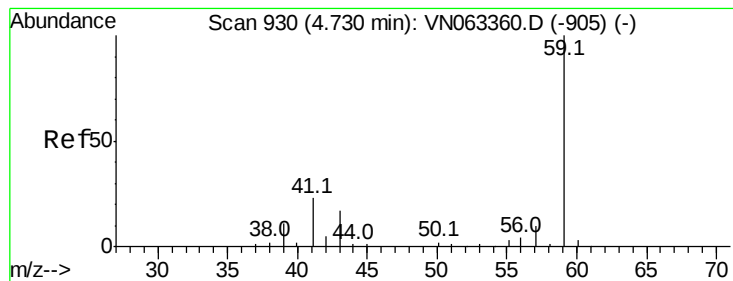


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



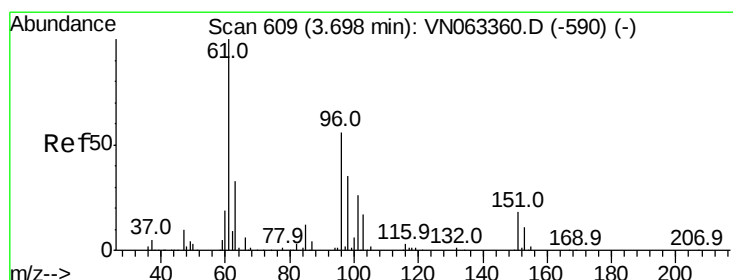
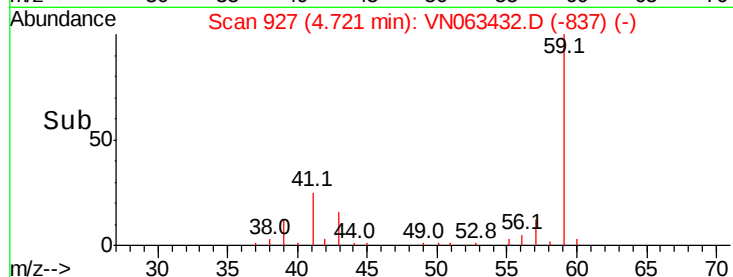
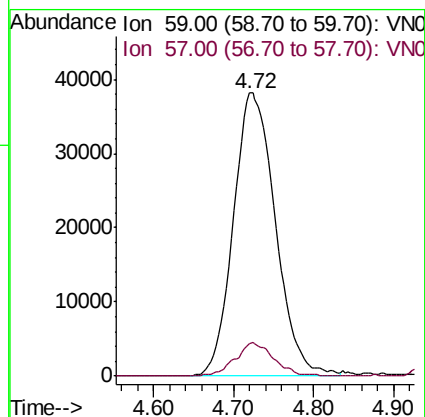
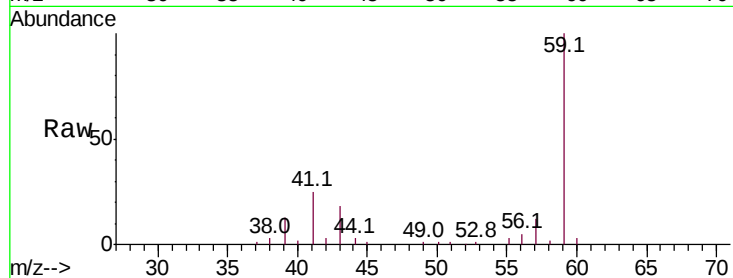


#11

Tert butyl alcohol
 Concen: 218.898 ug/l
 RT: 4.72 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: VN063432.D
 Acq: 17 Sep 2020 20:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

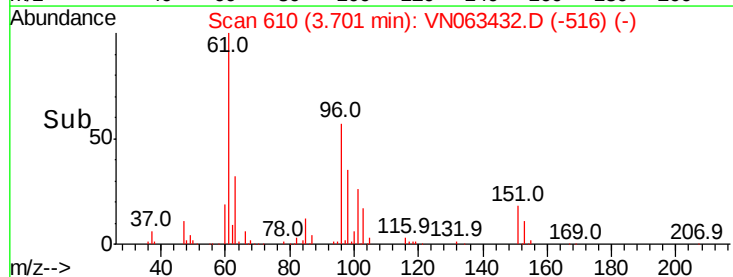
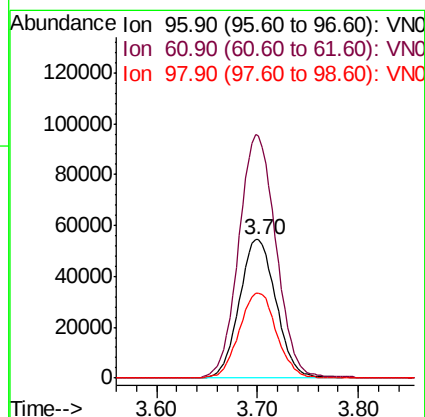
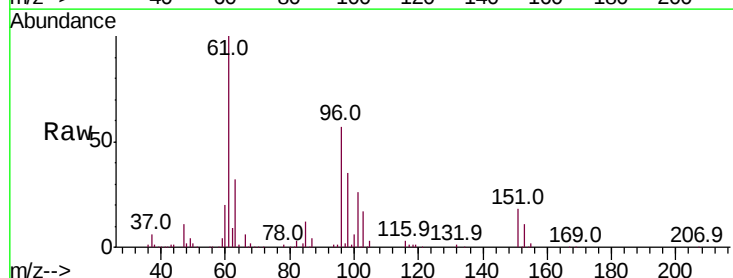
Tot Ion: 59 Resp: 136491
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.4 12.6

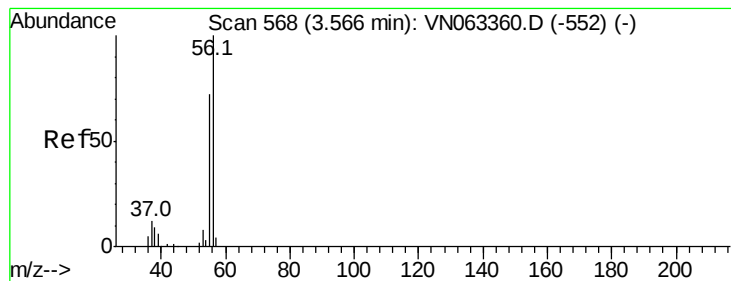


#12

1,1-Dichloroethene
 Concen: 46.148 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063432.D
 Acq: 17 Sep 2020 20:24

Tgt Ion: 96 Resp: 137698
 Ion Ratio Lower Upper
 96 100
 61 174.6 143.4 215.2
 98 61.4 50.6 76.0





#13

Acrolein

Concen: 229.195 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

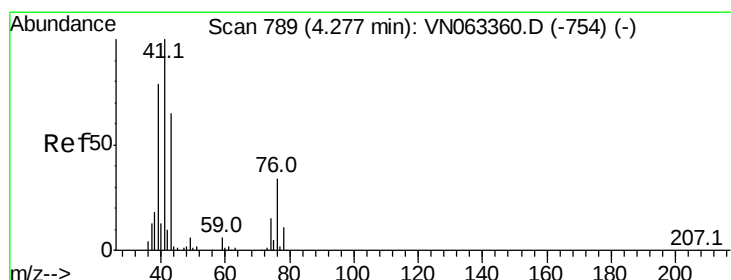
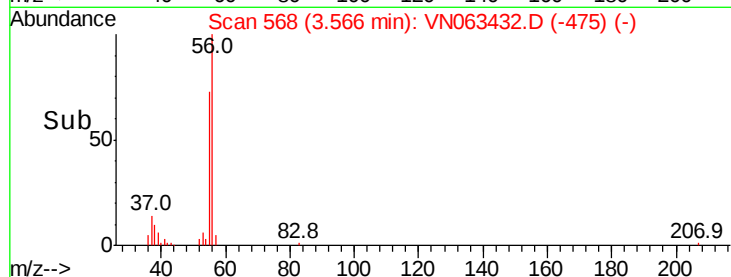
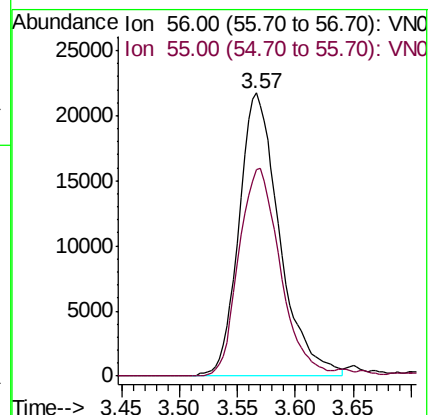
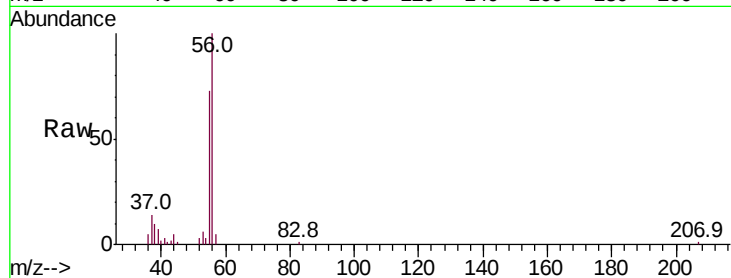
VSTDCCC050EC

Tot Ion: 56 Resp: 52961

Ion Ratio Lower Upper

56 100

55 74.6 58.2 87.2



#14

Allyl chloride

Concen: 45.970 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

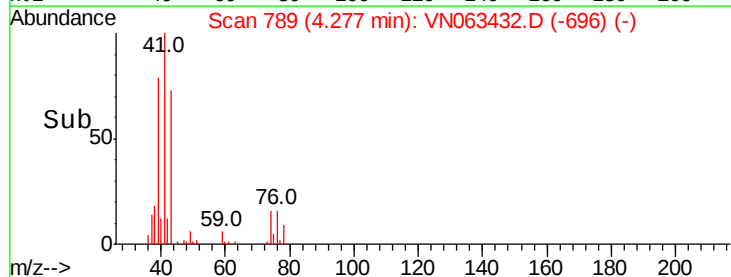
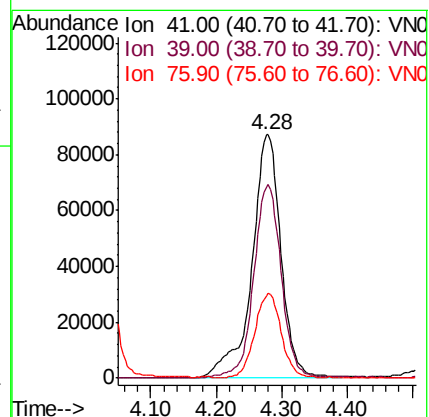
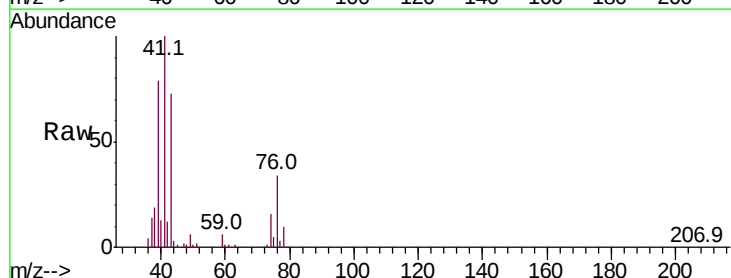
Tgt Ion: 41 Resp: 271321

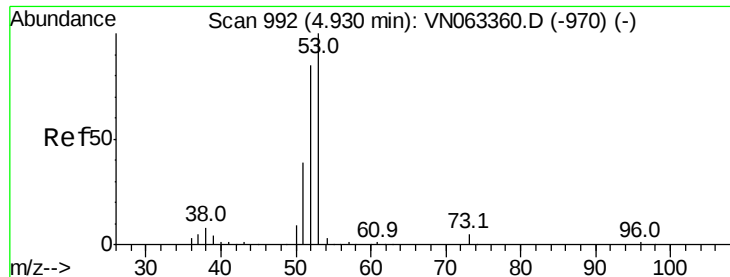
Ion Ratio Lower Upper

41 100

39 75.0 59.3 88.9

76 31.0 25.3 37.9





#15

Acrylonitrile

Concen: 240.381 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

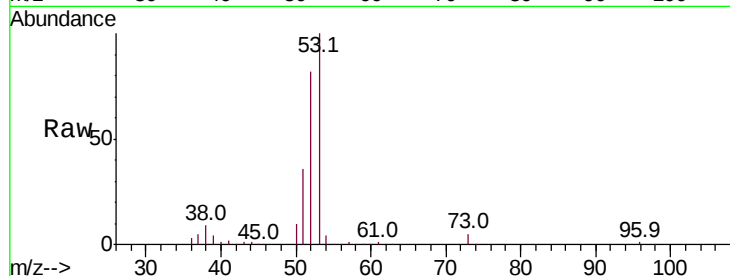
Tot Ion: 53 Resp: 381262

Ion Ratio Lower Upper

53 100

52 84.0 66.4 99.6

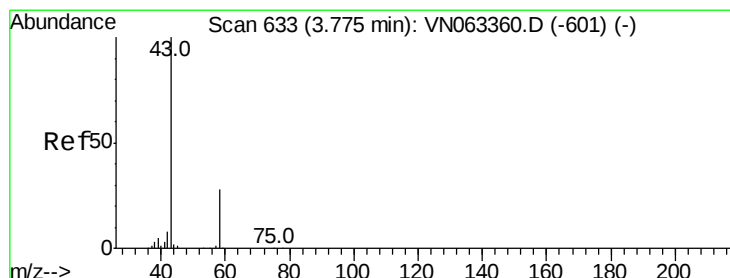
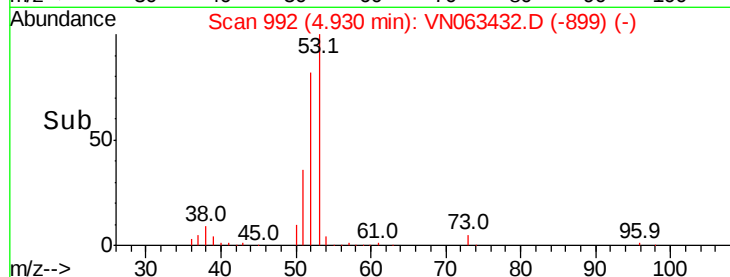
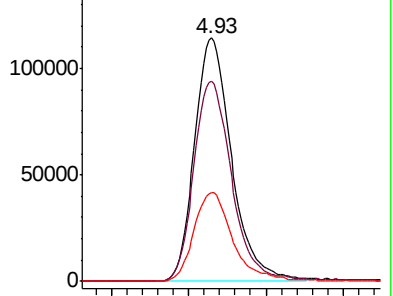
51 37.9 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN063360.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN063360.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN063360.D (-970) (-)



#16

Acetone

Concen: 238.826 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063432.D

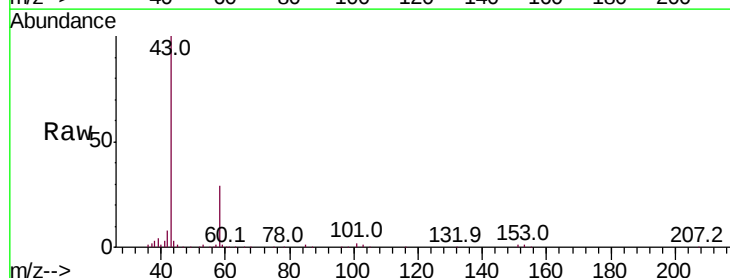
Acq: 17 Sep 2020 20:24

Tgt Ion: 43 Resp: 345467

Ion Ratio Lower Upper

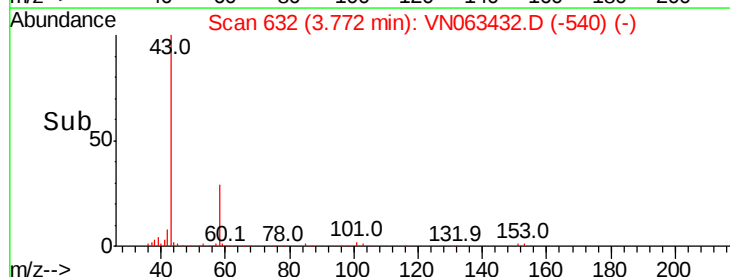
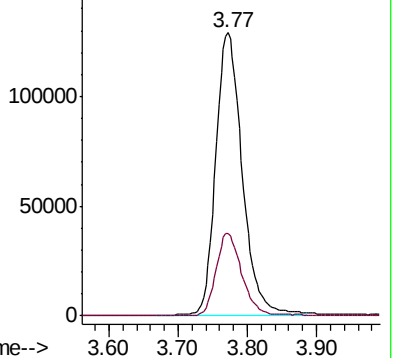
43 100

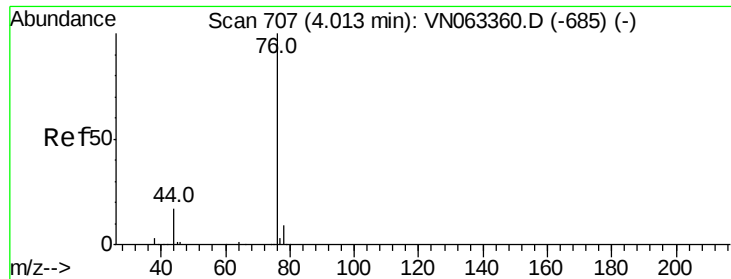
58 29.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-601) (-)

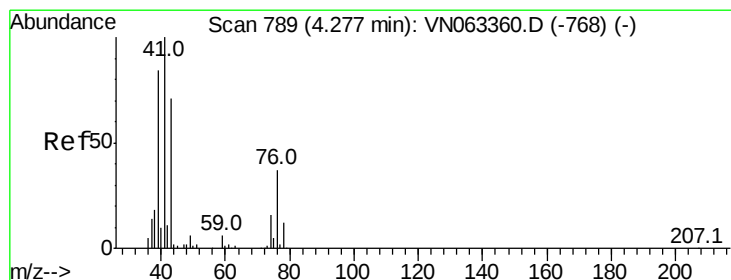
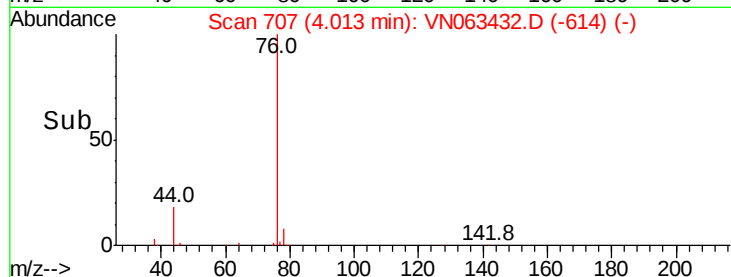
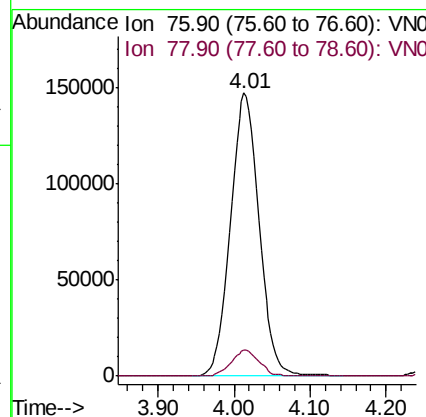
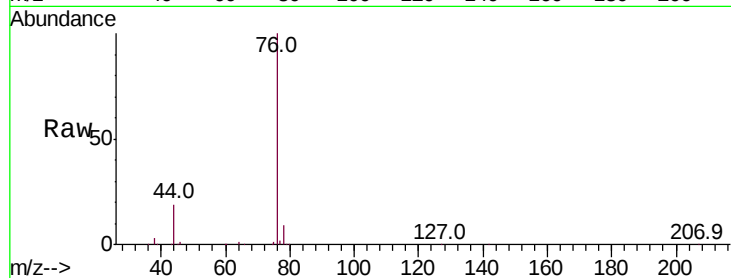




#17
Carbon Disulfide
Concen: 44.490 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

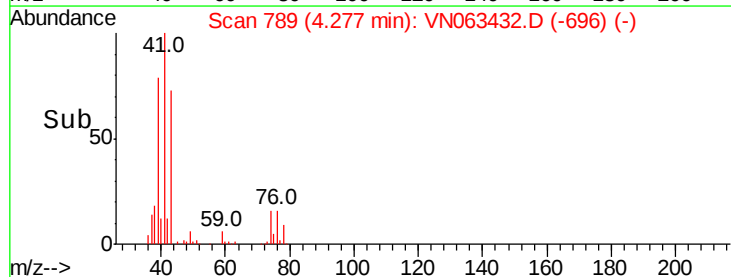
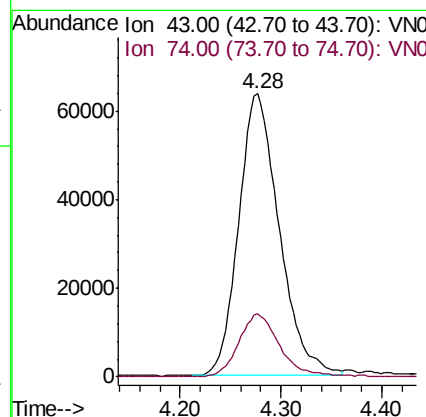
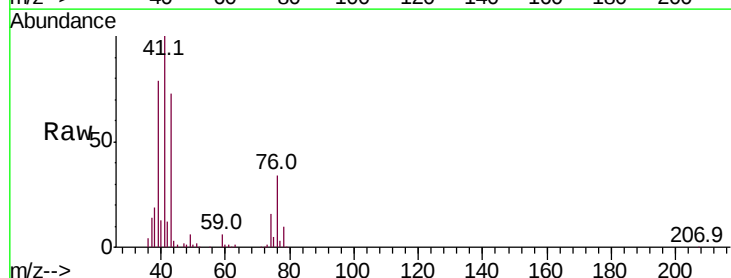
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

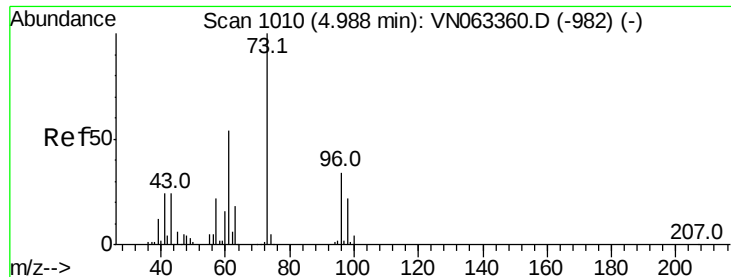
Tot Ion: 76 Resp: 386133
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 48.492 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

Tgt Ion: 43 Resp: 178070
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.2

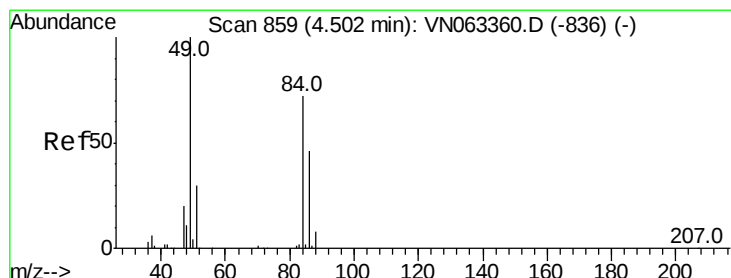
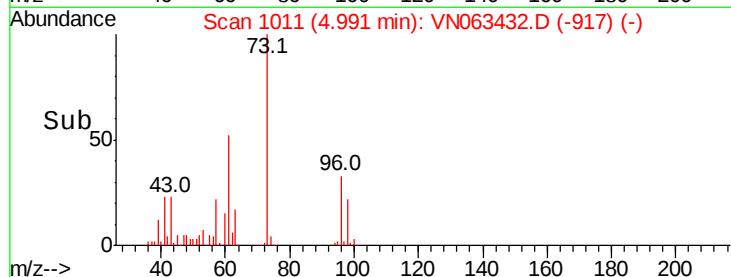
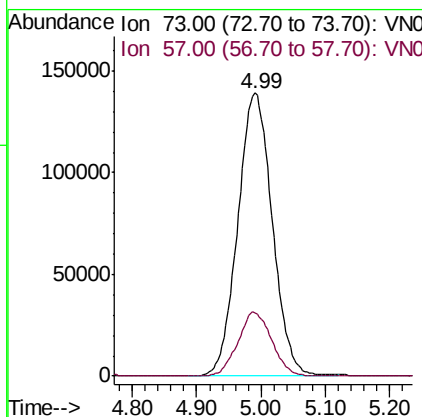
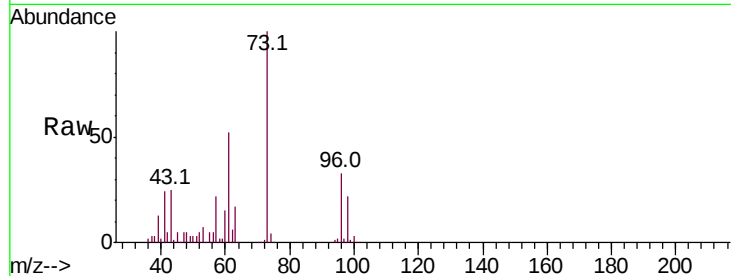




#19
Methvl tert-butvl Ether
Concen: 46.653 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

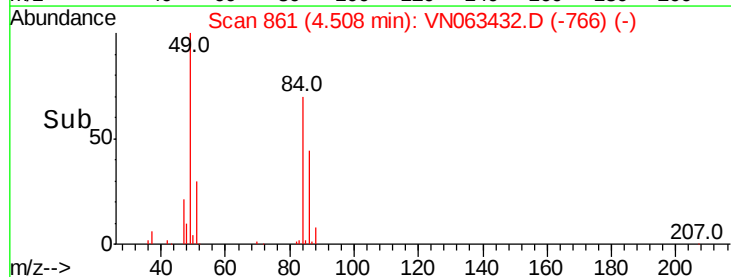
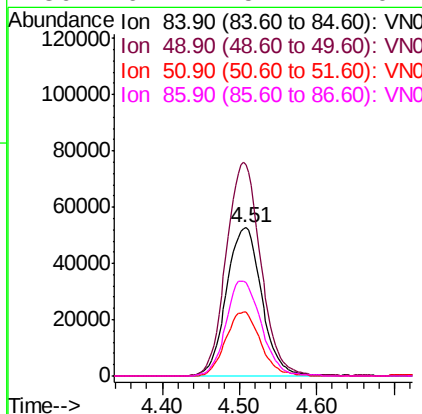
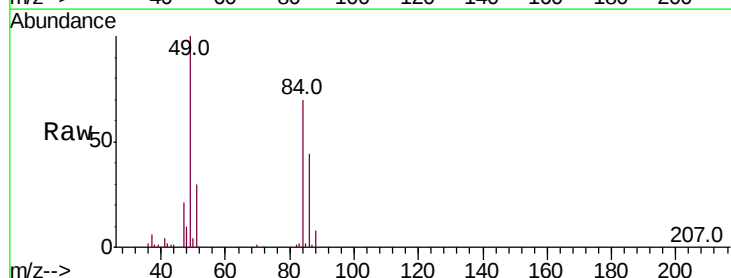
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

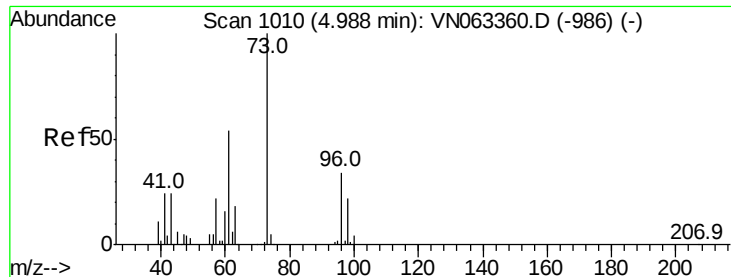
Tot Ion: 73 Resp: 518820
Ion Ratio Lower Upper
73 100
57 22.5 17.9 26.9



#20
Methylene Chloride
Concen: 45.516 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

Tgt Ion: 84 Resp: 166815
Ion Ratio Lower Upper
84 100
49 142.1 110.7 166.1
51 42.9 32.9 49.3
86 62.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 45.718 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

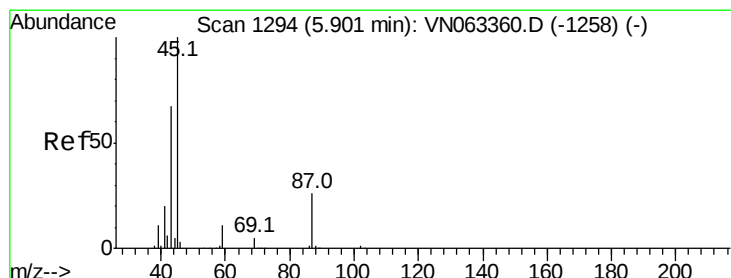
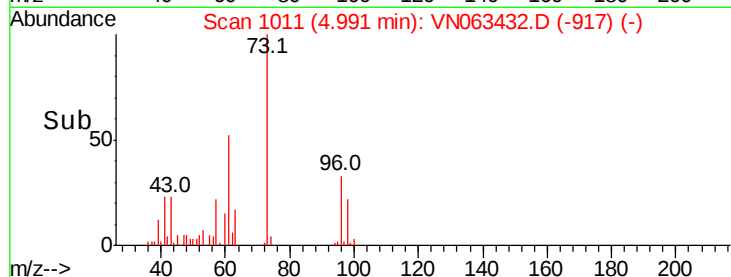
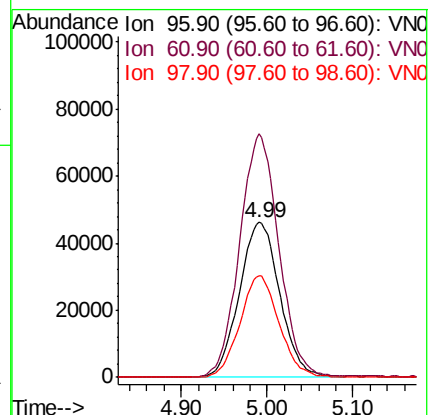
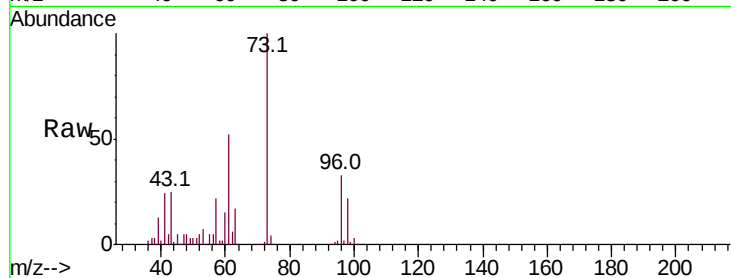
Tot Ion: 96 Resp: 151136

Ion Ratio Lower Upper

96 100

61 156.9 126.2 189.4

98 65.7 51.0 76.4



#22

Diisopropyl ether

Concen: 47.303 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Tgt Ion: 45 Resp: 569394

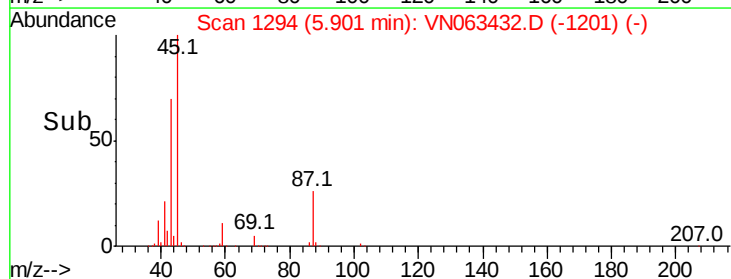
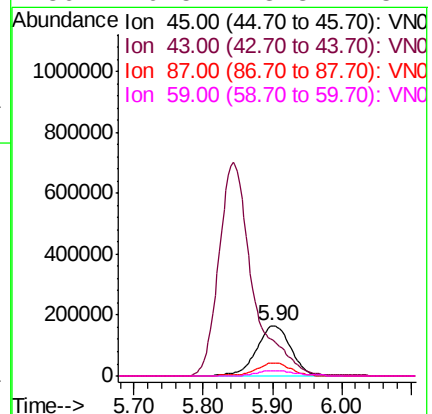
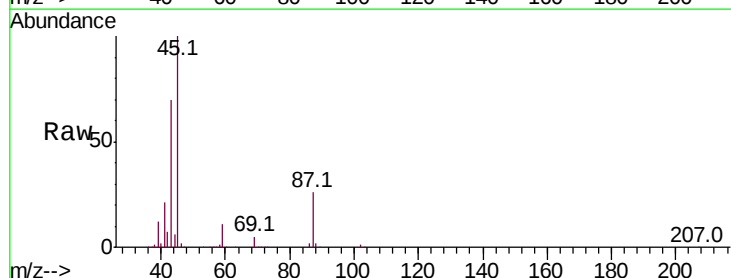
Ion Ratio Lower Upper

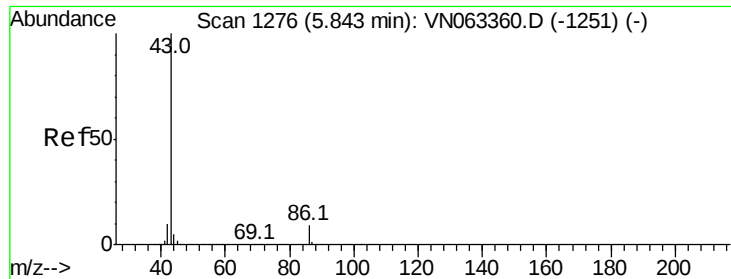
45 100

43 68.1 53.5 80.3

87 26.2 21.2 31.8

59 10.5 8.8 13.2

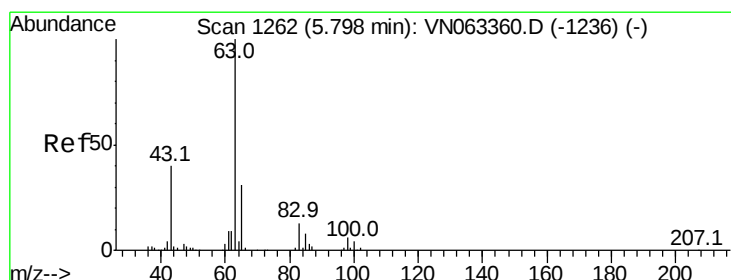
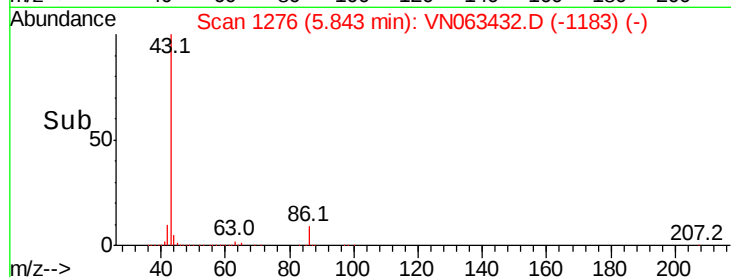
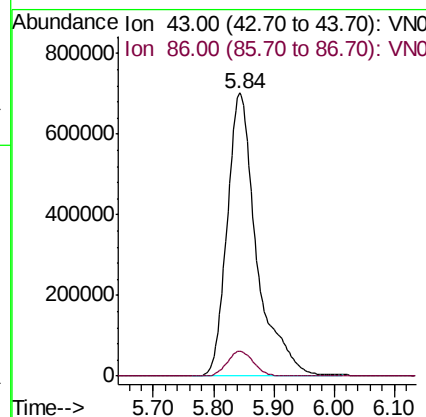
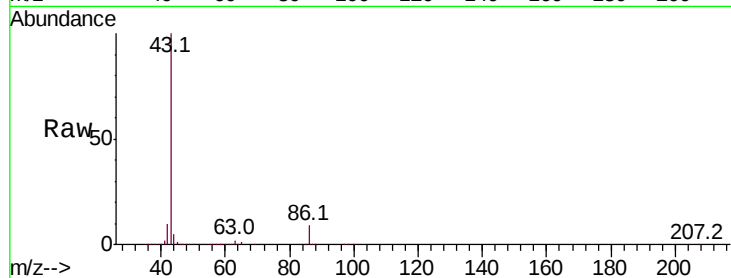




#23
 Vinyl Acetate
 Concen: 241.496 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063432.D
 Acq: 17 Sep 2020 20:24

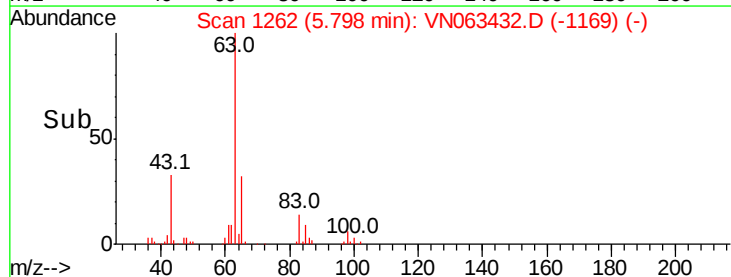
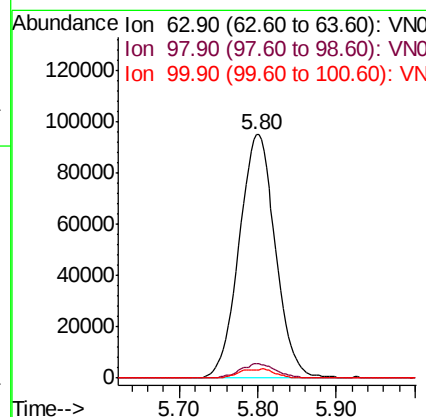
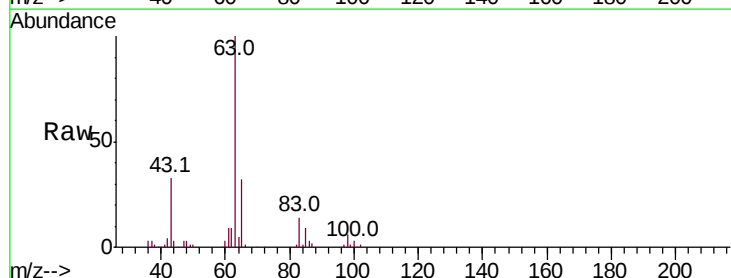
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

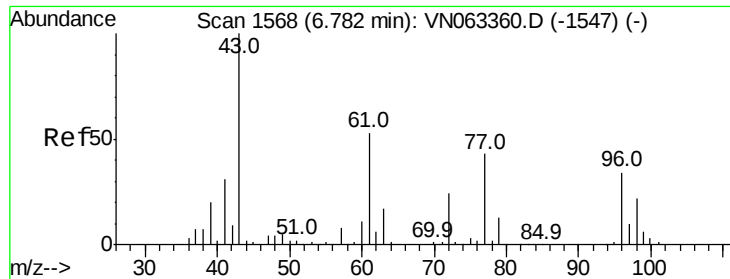
Tot Ion: 43 Resp: 2387360
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 46.792 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063432.D
 Acq: 17 Sep 2020 20:24

Tgt Ion: 63 Resp: 307501
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.8
 100 3.2 2.1 6.3

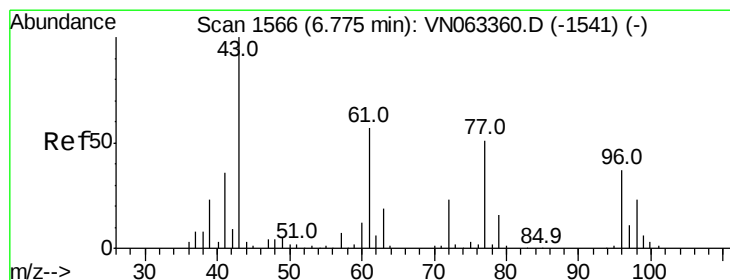
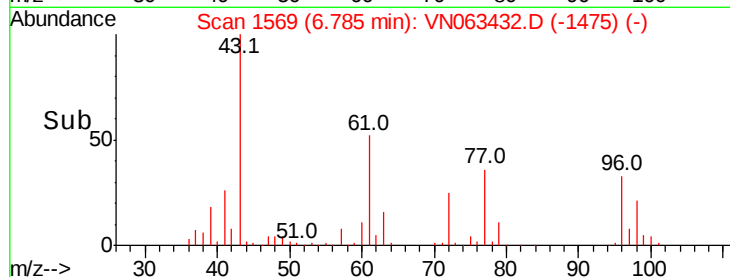
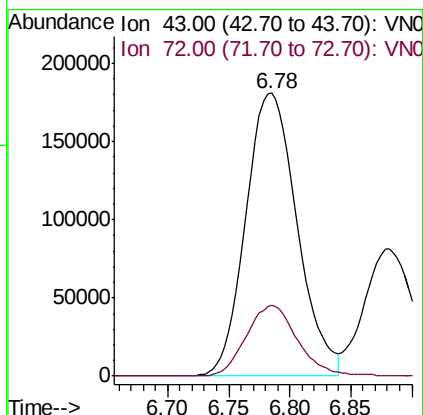
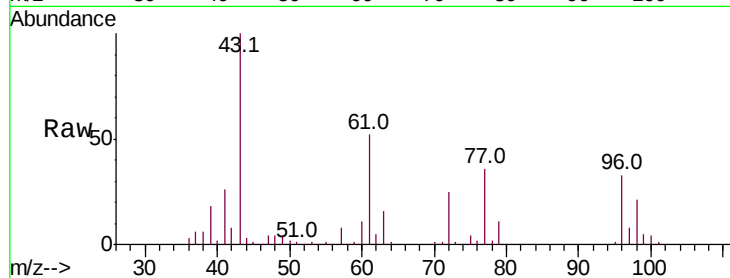




#25
2-Butanone
Concen: 236.694 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

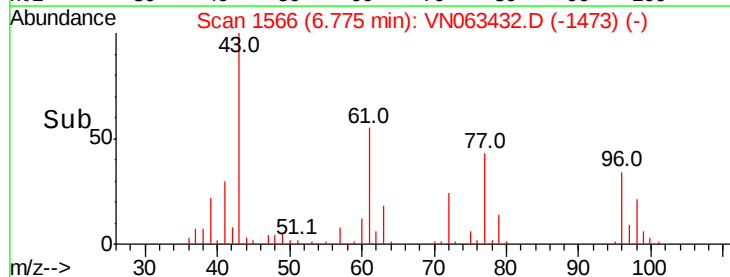
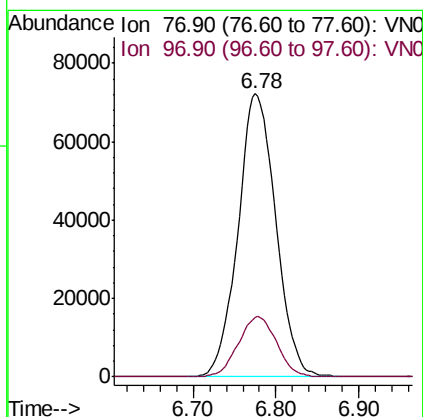
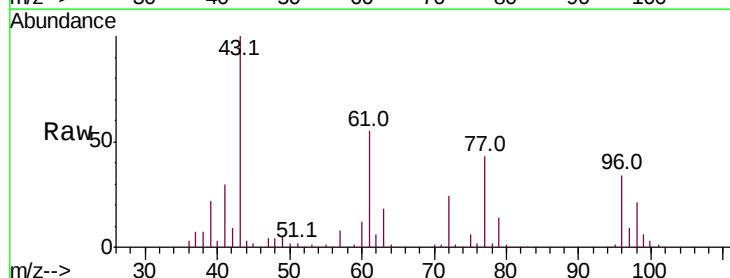
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

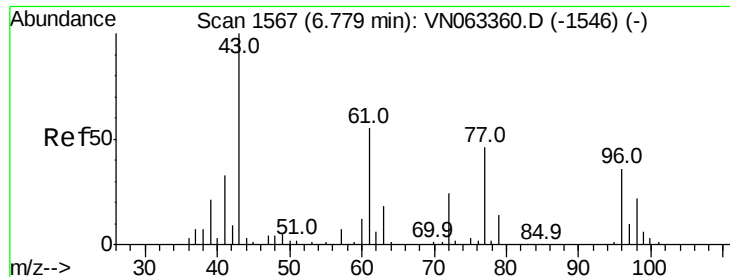
Tot Ion: 43 Resp: 526577
Ion Ratio Lower Upper
43 100
72 25.1 19.2 28.8



#26
2,2-Dichloropropane
Concen: 39.482 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

Tgt Ion: 77 Resp: 228444
Ion Ratio Lower Upper
77 100
97 21.6 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 47.269 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

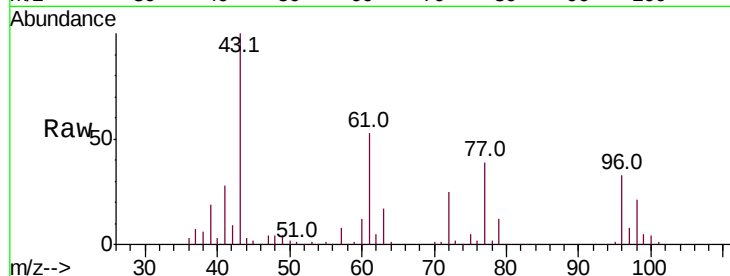
Tot Ion: 96 Resp: 176872

Ion Ratio Lower Upper

96 100

61 159.7 0.0 319.6

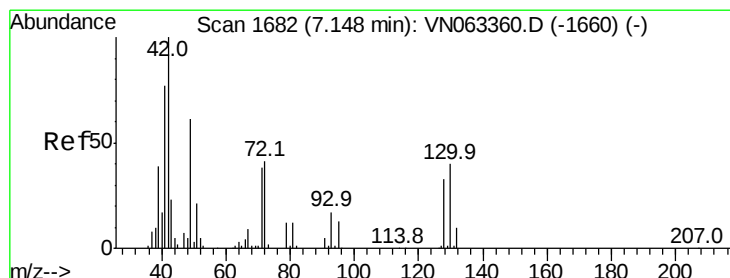
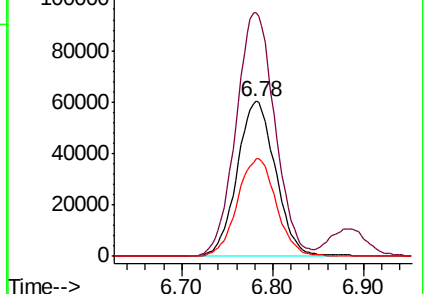
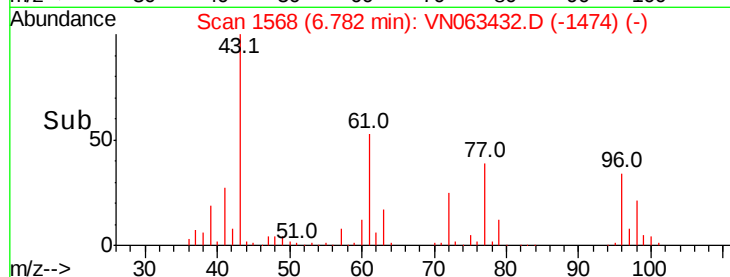
98 63.8 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 48.211 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

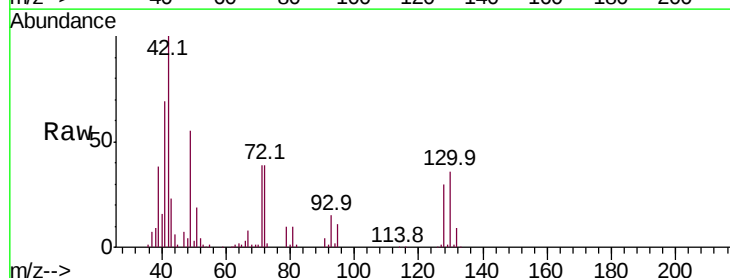
Tgt Ion: 49 Resp: 146289

Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.8

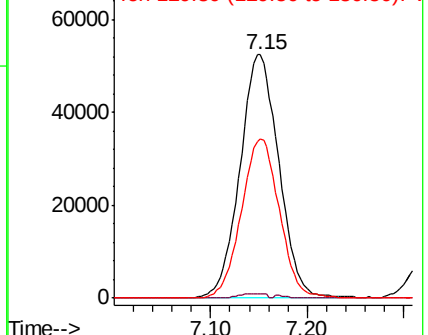
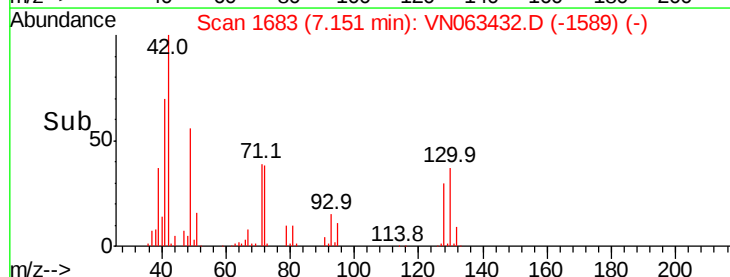
130 64.0 52.2 78.2

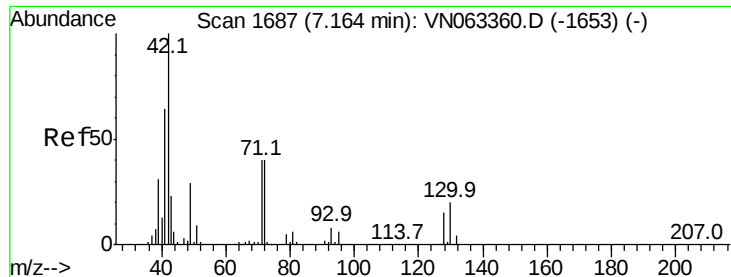


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 235.804 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

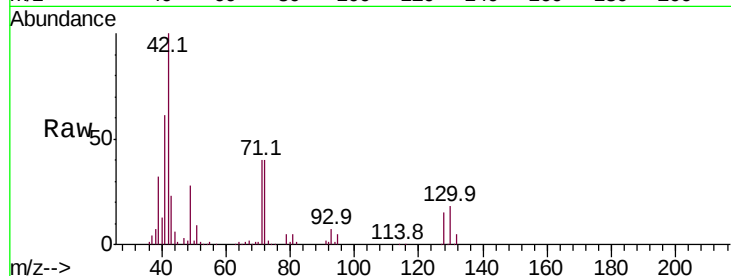
Tot Ion: 42 Resp: 358288

Ion Ratio Lower Upper

42 100

72 39.4 32.1 48.1

71 38.4 31.2 46.8



Abundance Ion 42.00 (41.70 to 42.70): VN063360.D (-1653) (-)

Ion 72.00 (71.70 to 72.70): VN063360.D (-1653) (-)

Ion 71.00 (70.70 to 71.70): VN063360.D (-1653) (-)

7.17

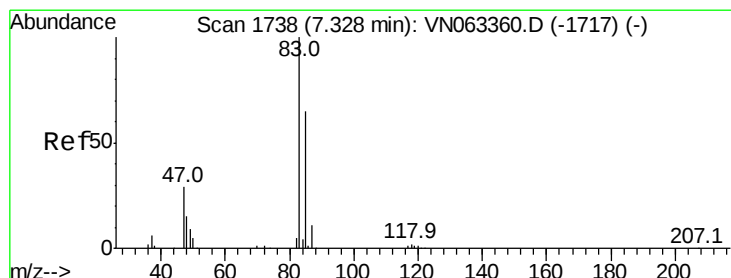
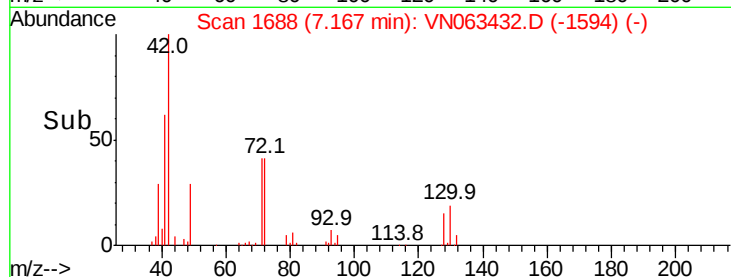
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 47.209 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063432.D

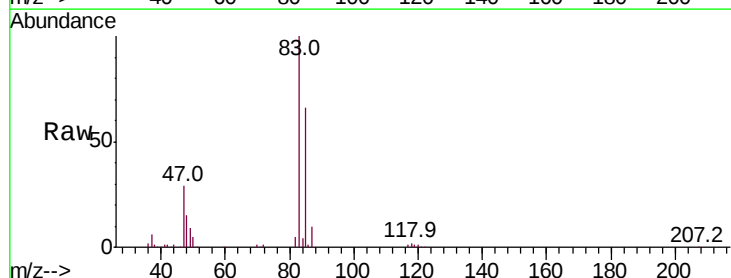
Acq: 17 Sep 2020 20:24

Tgt Ion: 83 Resp: 311263

Ion Ratio Lower Upper

83 100

85 65.8 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-1717) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-1717) (-)

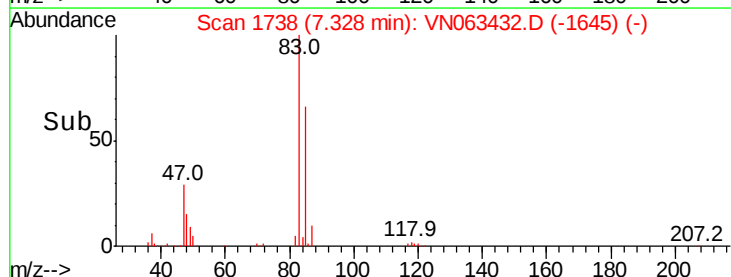
7.33

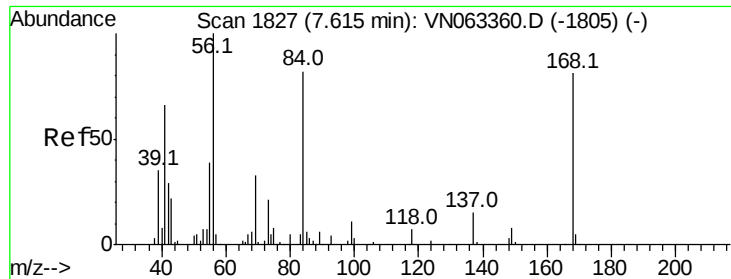
100000

50000

0

Time-->

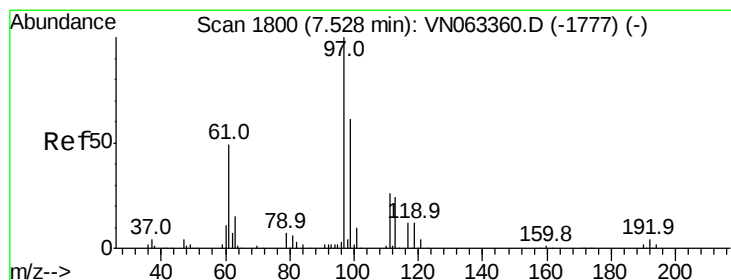
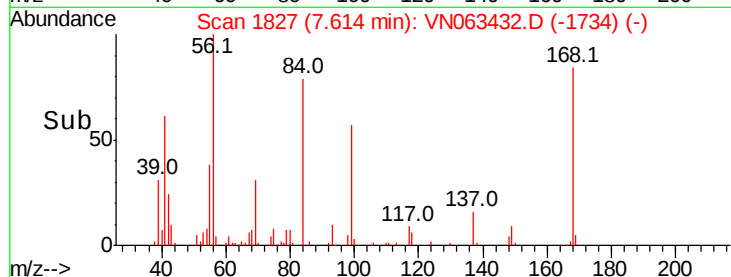
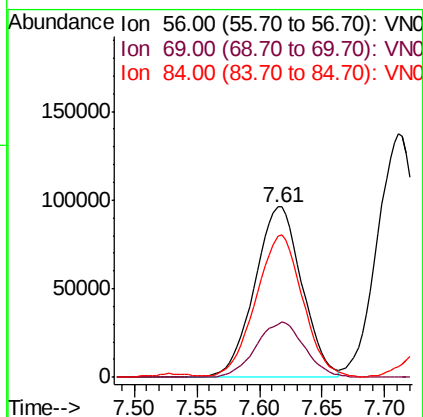
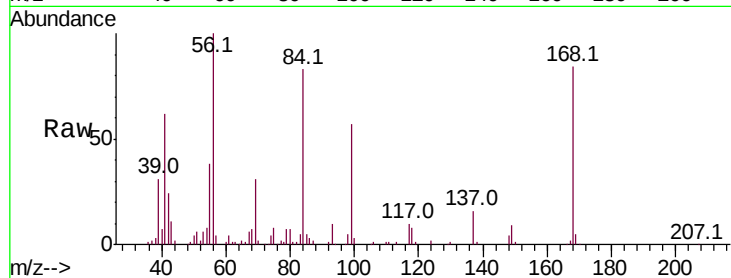




#31
Cyclohexane
Concen: 40.727 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

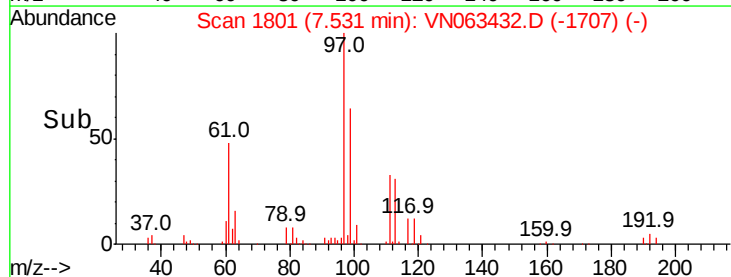
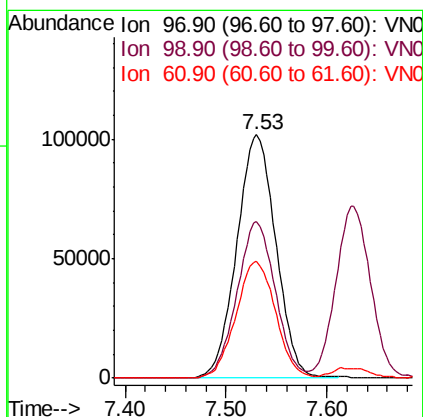
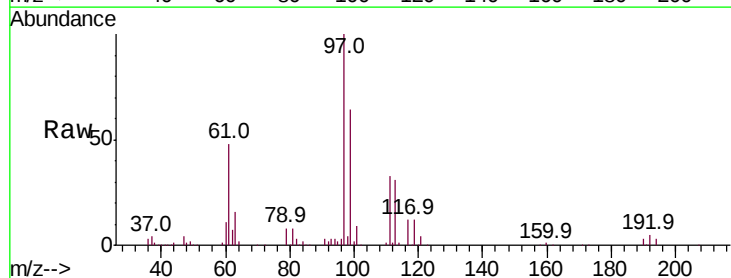
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

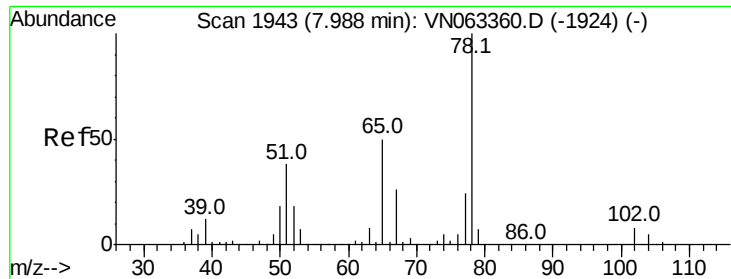
Tot Ion: 56 Resp: 253169
Ion Ratio Lower Upper
56 100
69 31.4 26.1 39.1
84 81.3 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 46.712 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

Tgt Ion: 97 Resp: 273933
Ion Ratio Lower Upper
97 100
99 63.2 50.6 76.0
61 48.6 39.2 58.8

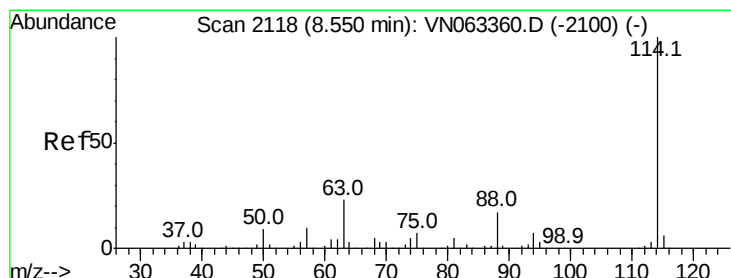
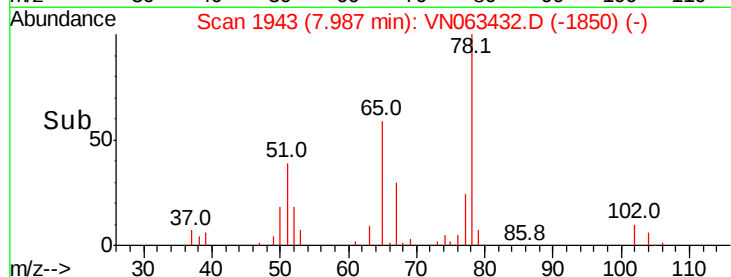
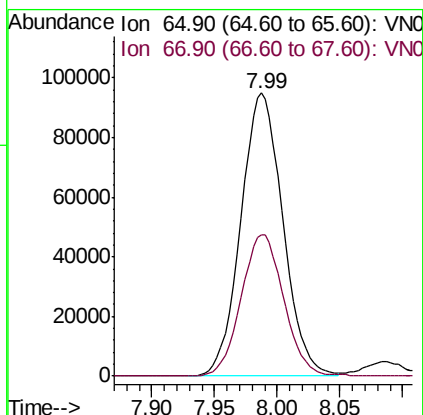
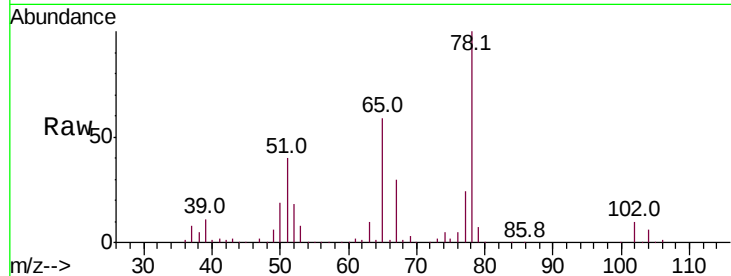




#33
 1,2-Dichloroethane-d4
 Concen: 49.223 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063432.D
 Acq: 17 Sep 2020 20:24

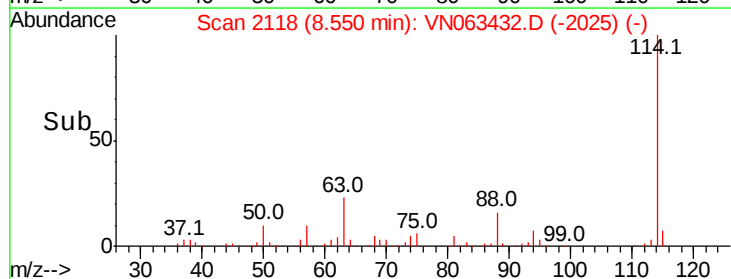
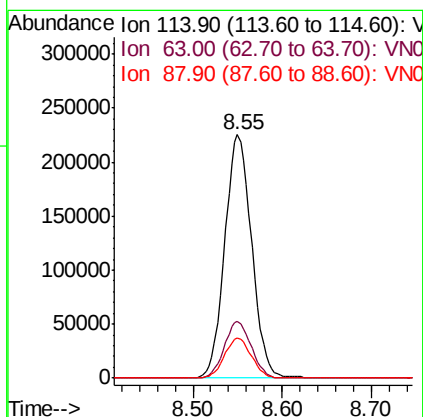
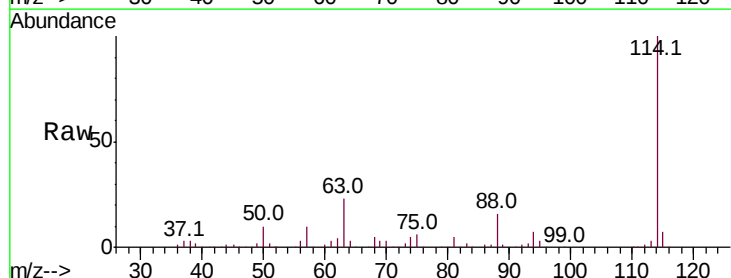
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

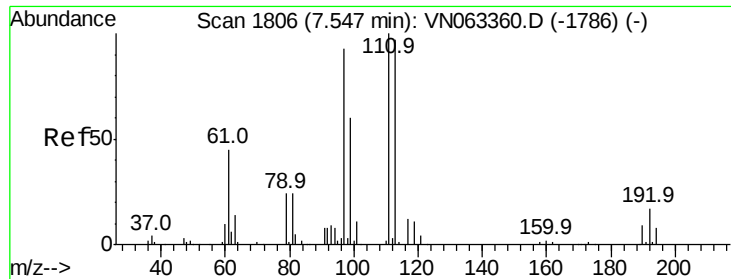
Tot Ion: 65 Resp: 221548
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063432.D
 Acq: 17 Sep 2020 20:24

Tgt Ion: 114 Resp: 470217
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.4
 88 16.4 0.0 33.2

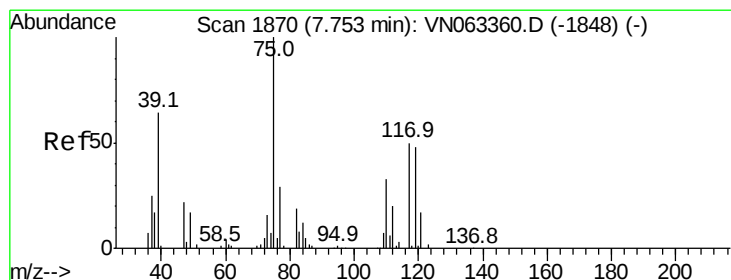
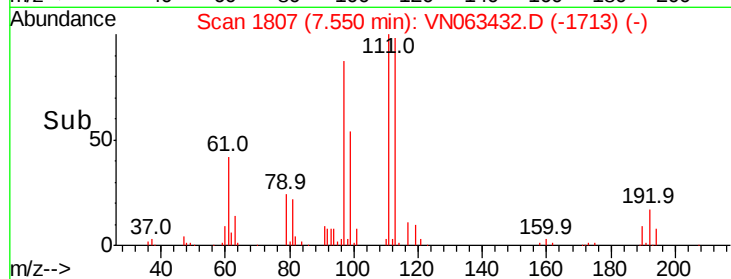
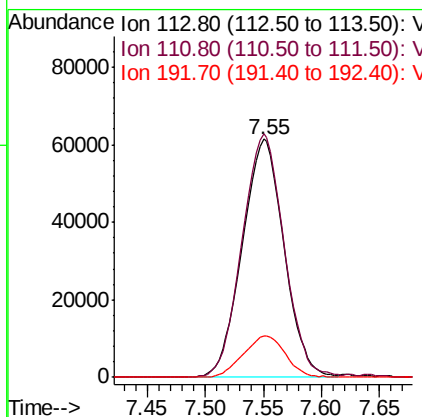
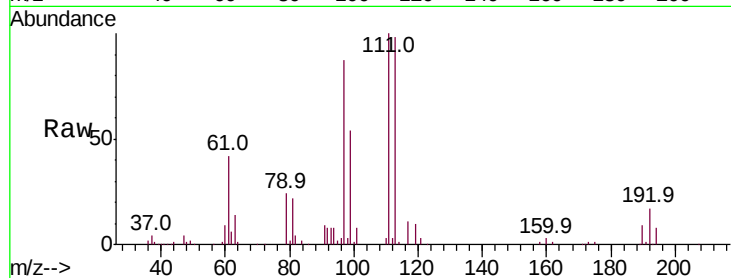




#35
 Dibromofluoromethane
 Concen: 47.443 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063432.D
 Acq: 17 Sep 2020 20:24

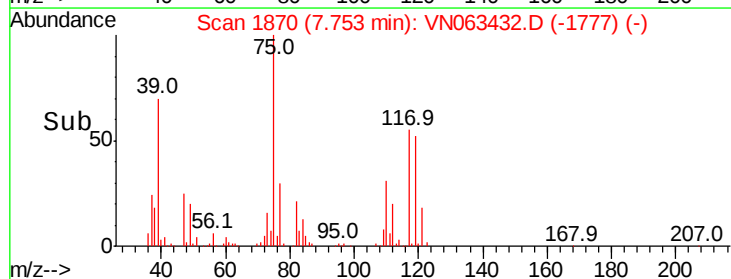
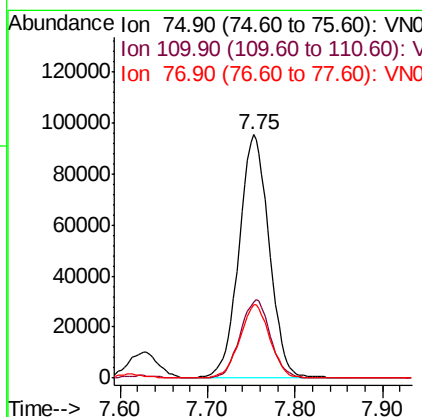
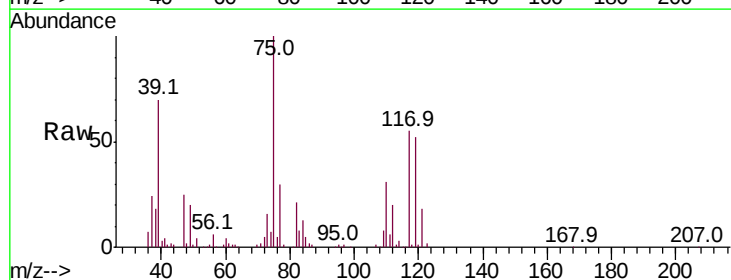
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

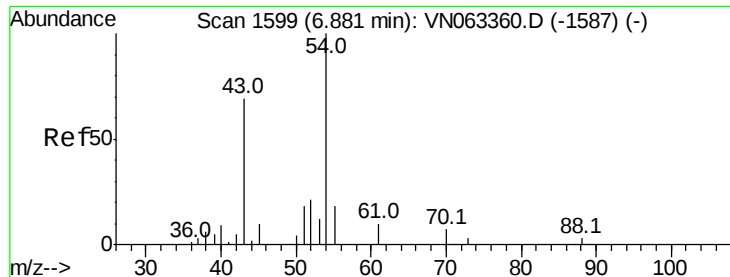
Tot Ion:113 Resp: 154437
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.9 124.3
 192 17.5 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 45.421 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063432.D
 Acq: 17 Sep 2020 20:24

Tgt Ion: 75 Resp: 227538
 Ion Ratio Lower Upper
 75 100
 110 32.4 16.5 49.5
 77 30.3 24.6 36.8





#37

Ethyl Acetate

Concen: 47.778 ug/l

RT: 6.88 min Scan# 1599

Delta R.T. -0.00 min

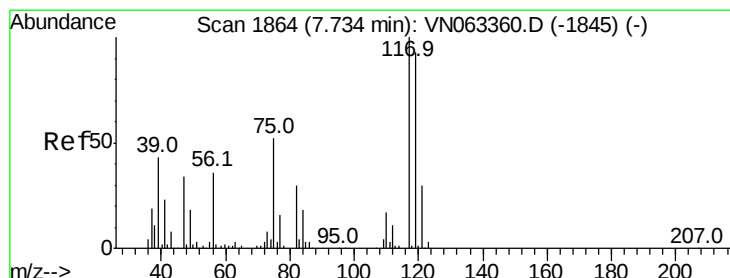
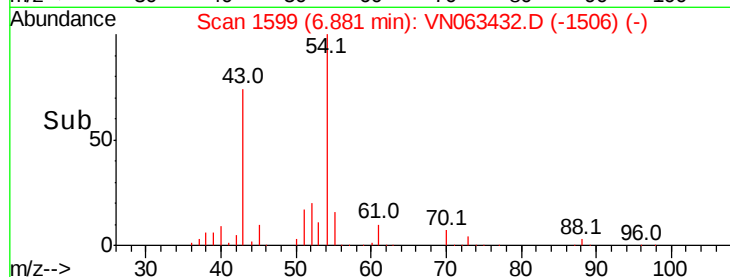
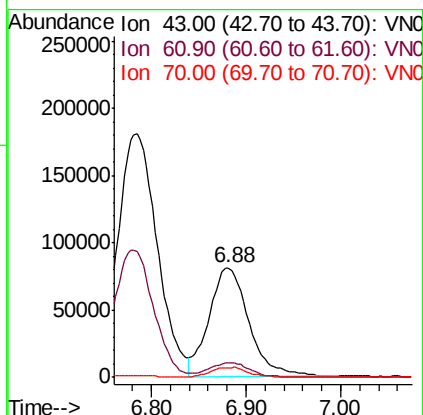
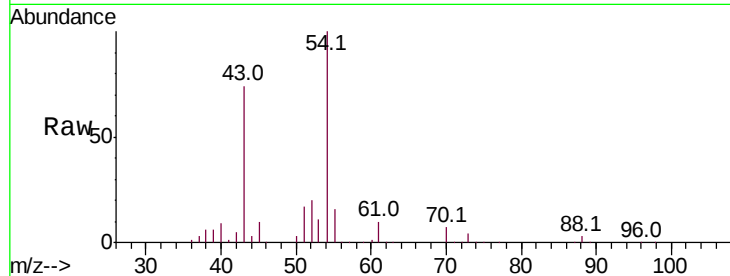
Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 234908

Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.6	15.8
70	9.2	7.2	10.8



#38

Carbon Tetrachloride

Concen: 44.865 ug/l

RT: 7.74 min Scan# 1865

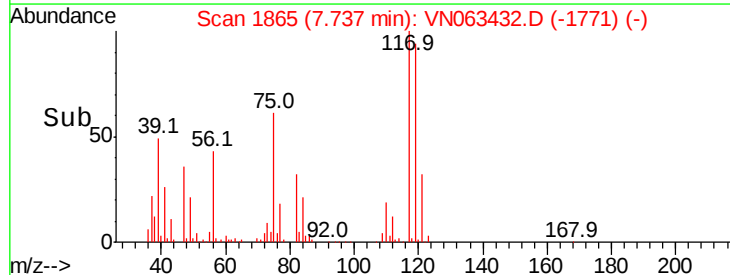
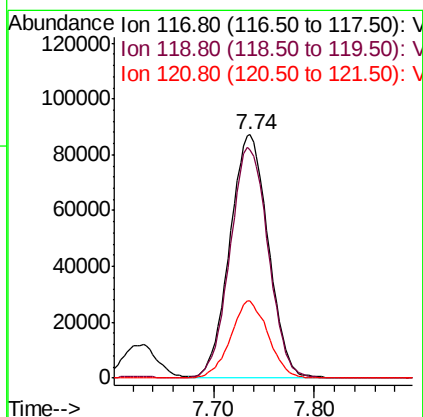
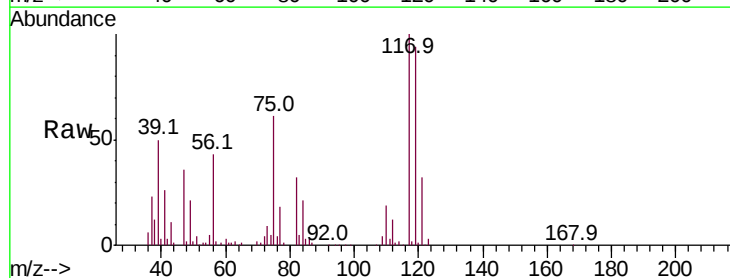
Delta R.T. 0.00 min

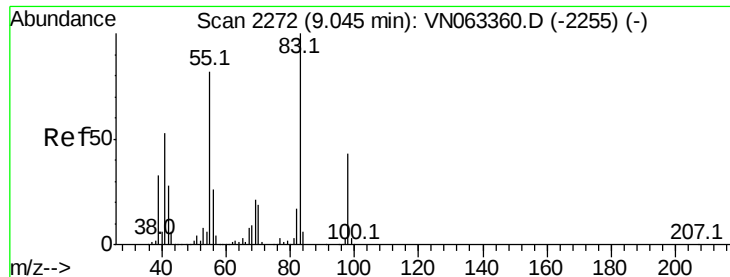
Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Tgt Ion: 117 Resp: 229425

Ion	Ratio	Lower	Upper
117	100		
119	93.5	74.5	111.7
121	31.8	24.1	36.1

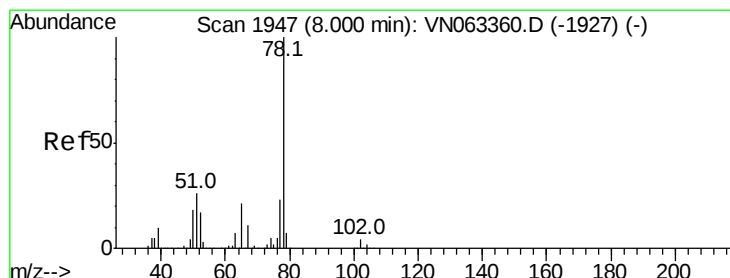
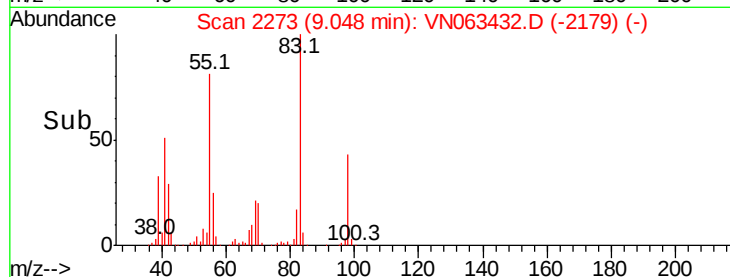
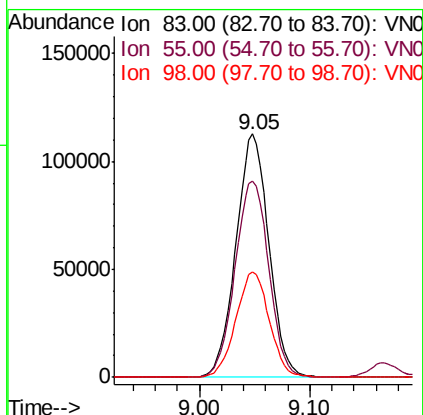
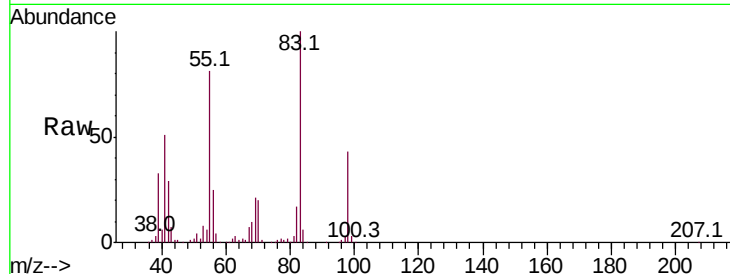




#39
Methvlcvclohexane
Concen: 42.974 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

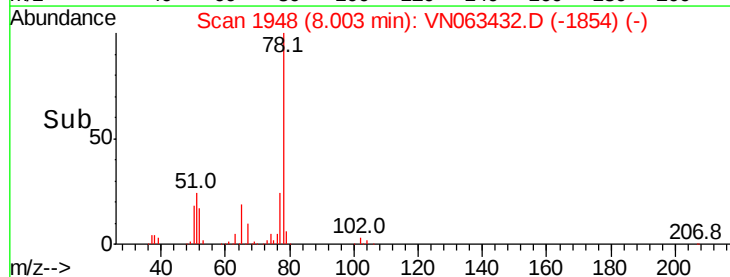
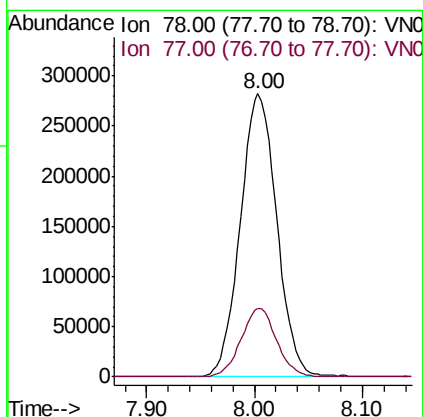
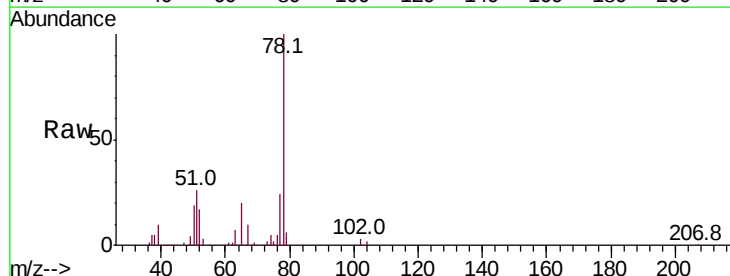
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

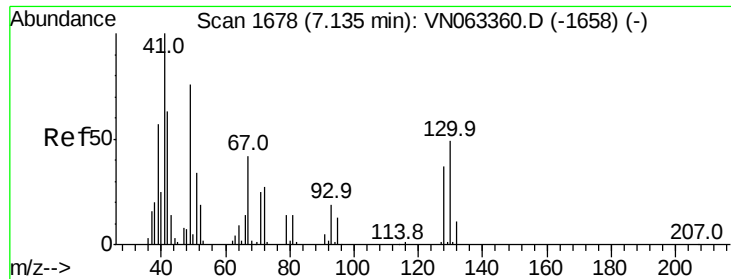
Tot Ion	83	Resp	233646
Ion Ratio	Lower	Upper	
83	100		
55	80.9	65.5	98.3
98	43.5	34.2	51.4



#40
Benzene
Concen: 46.396 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

Tgt Ion	78	Resp	663473
Ion Ratio	Lower	Upper	
78	100		
77	24.3	18.3	27.5

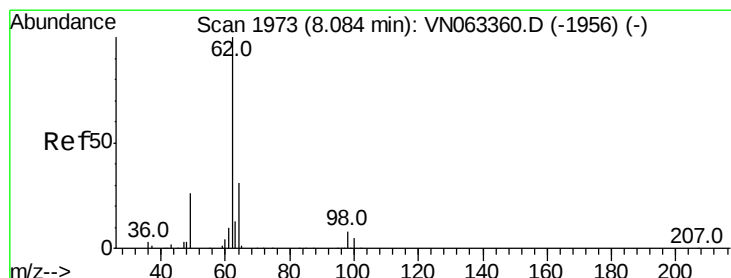
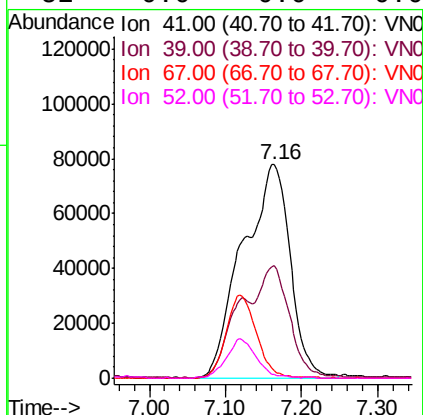
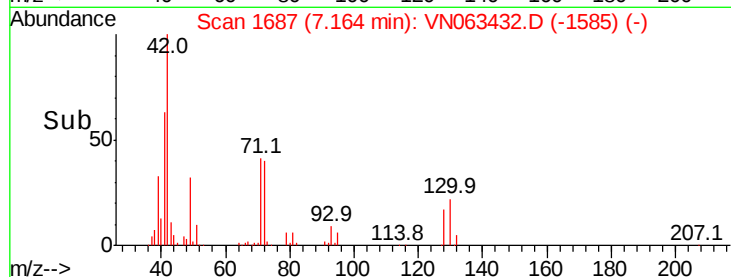
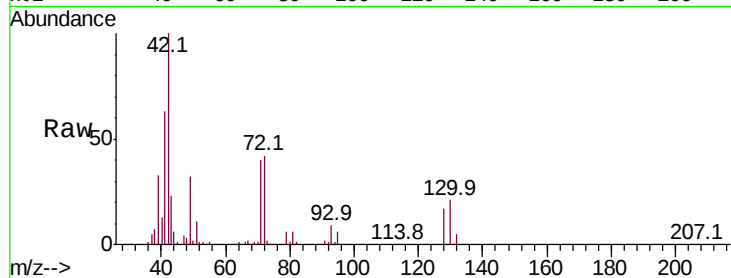




#41
Methacrylonitrile
Concen: 152.760 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

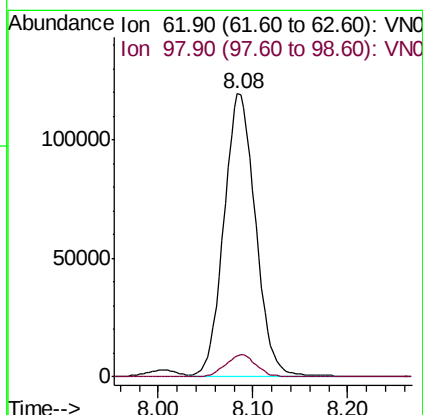
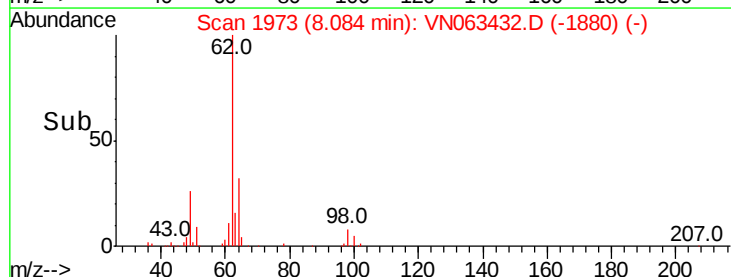
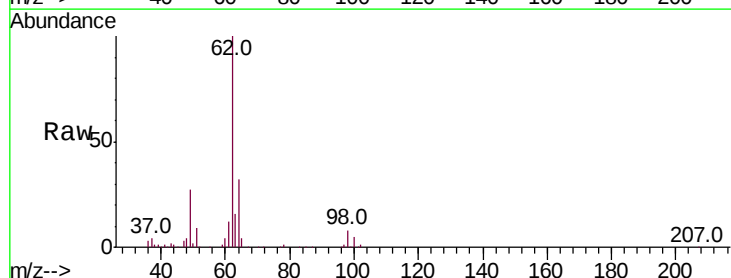
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

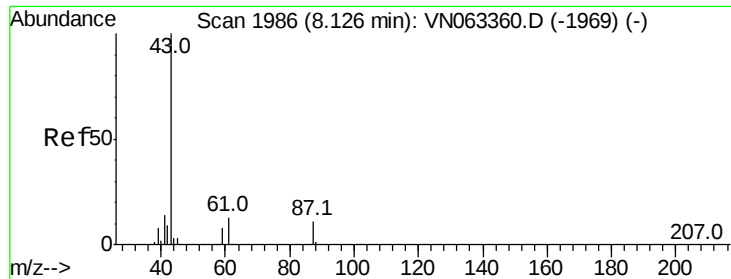
Tot Ion:	41	Resp:	337800
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 47.991 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

Tgt Ion:	62	Resp:	275986
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.6





#43

Isopropyl Acetate

Concen: 45.340 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

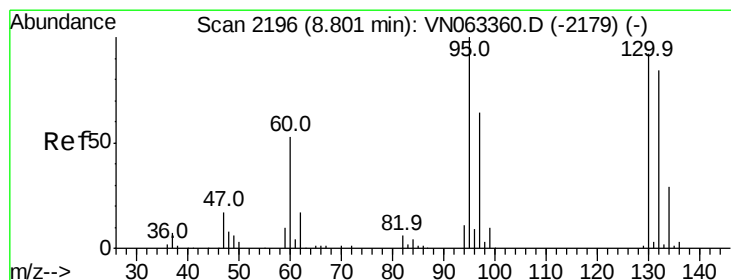
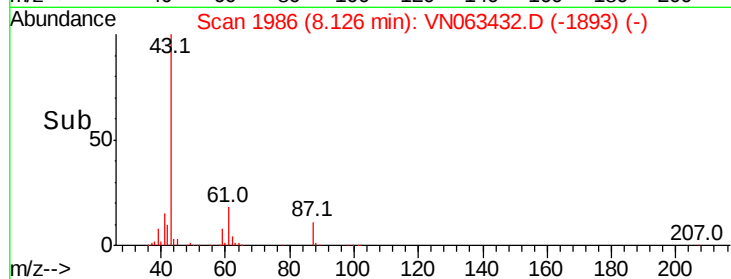
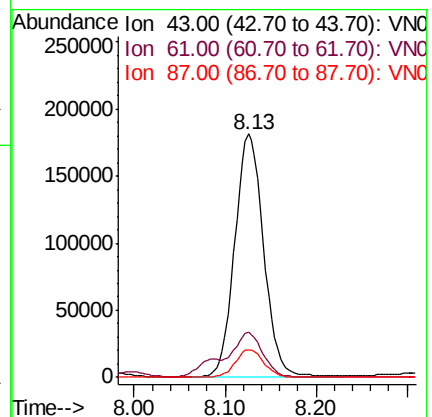
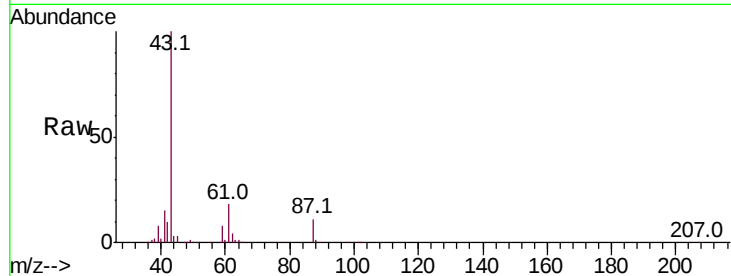
Tot Ion: 43 Resp: 398600

Ion Ratio Lower Upper

43 100

61 17.8 14.2 21.2

87 11.3 9.0 13.6



#44

Trichloroethene

Concen: 45.583 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063432.D

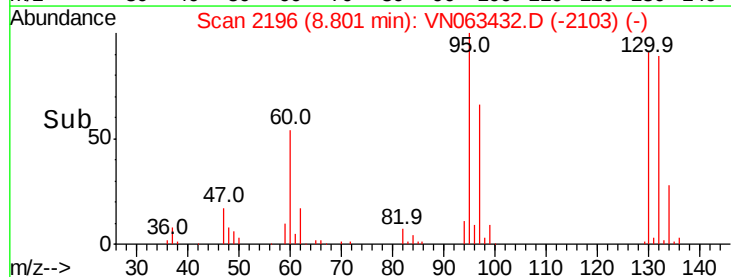
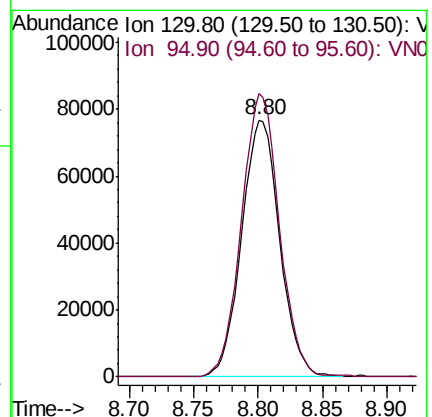
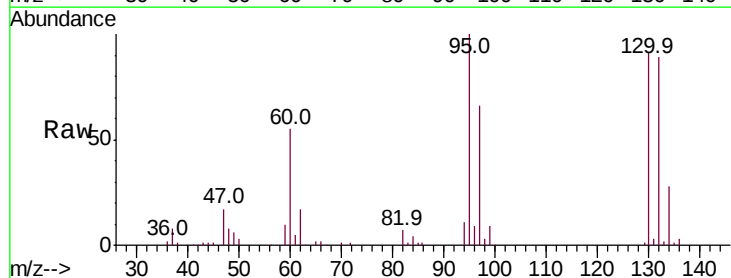
Acq: 17 Sep 2020 20:24

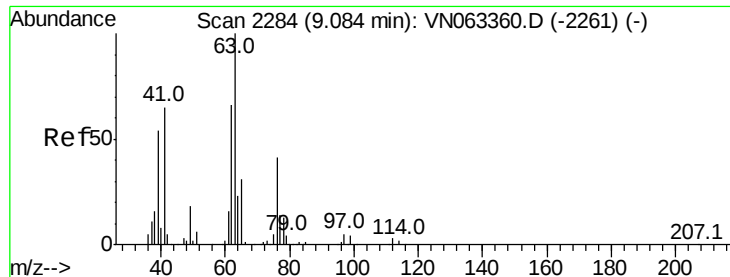
Tgt Ion:130 Resp: 158103

Ion Ratio Lower Upper

130 100

95 110.2 0.0 217.4





#45

1,2-Dichloropropane

Concen: 47.025 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

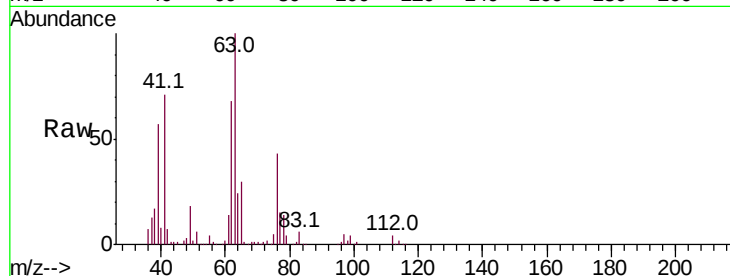
VSTDCCC050EC

Tot Ion: 63 Resp: 183150

Ion Ratio Lower Upper

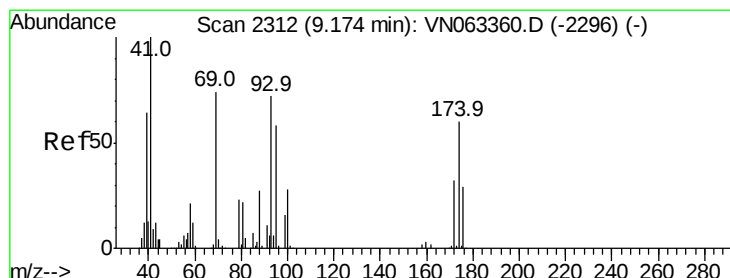
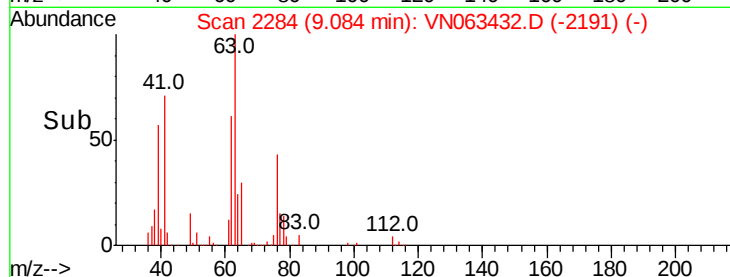
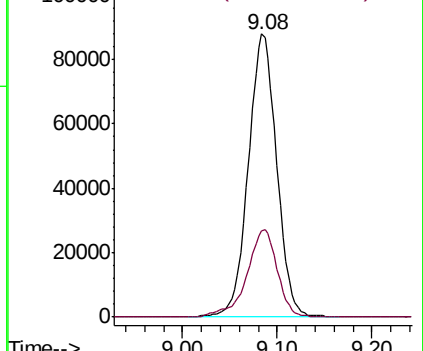
63 100

65 30.5 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 47.942 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

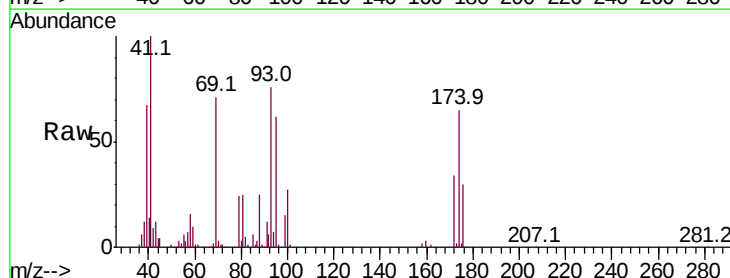
Tgt Ion: 93 Resp: 122726

Ion Ratio Lower Upper

93 100

95 80.9 65.6 98.4

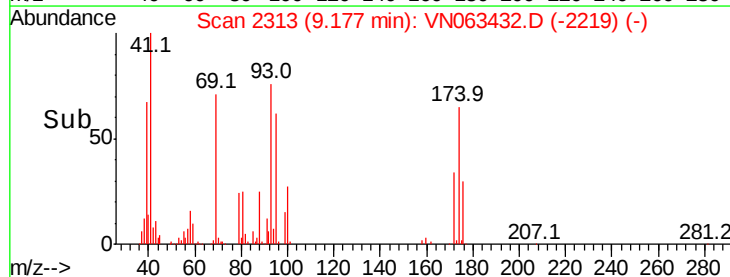
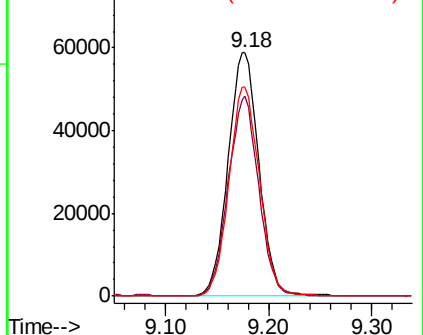
174 84.6 68.1 102.1

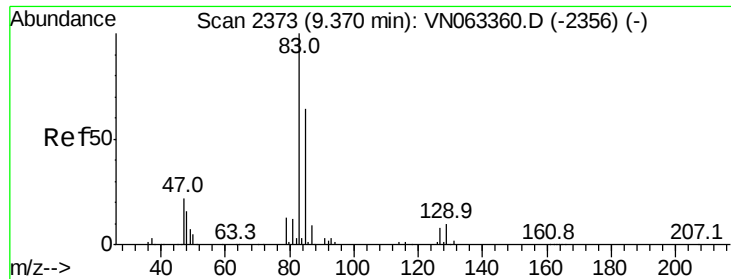


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.501 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

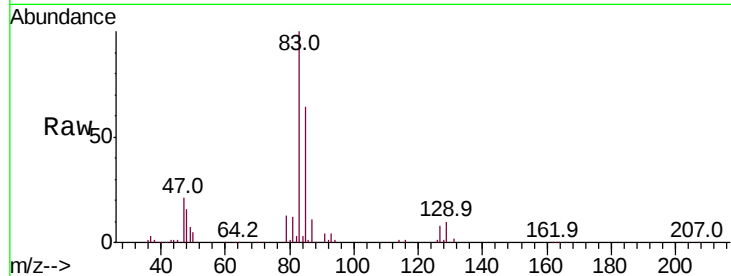
Tot Ion: 83 Resp: 252612

Ion Ratio Lower Upper

83 100

85 64.4 51.0 76.6

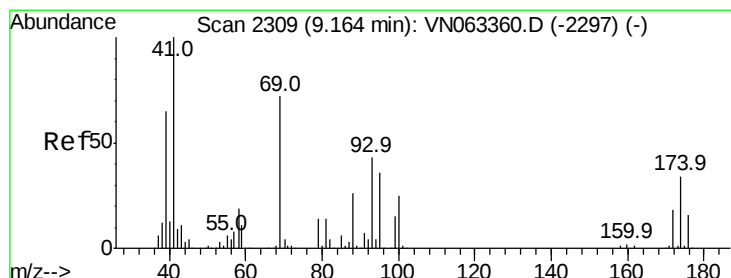
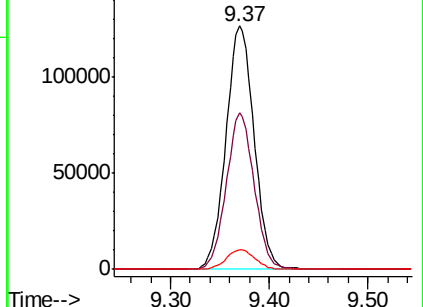
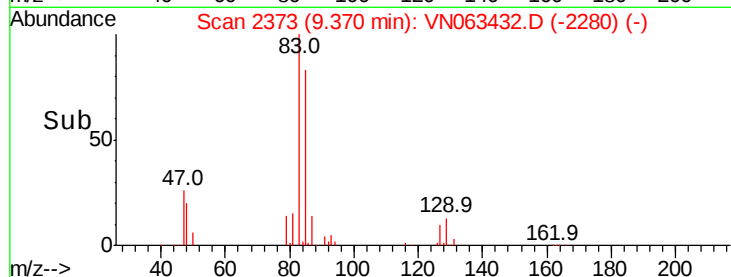
127 8.1 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN063432.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063432.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063432.D (-2280) (-)



#48

Methyl methacrylate

Concen: 45.728 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

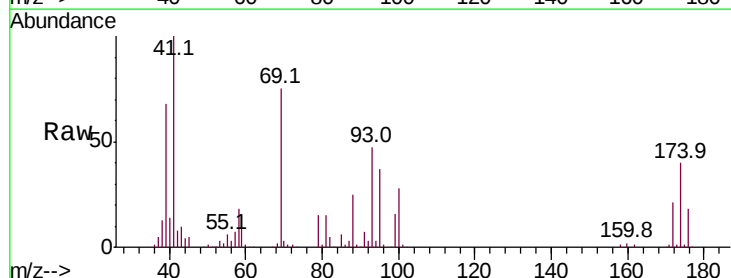
Tgt Ion: 41 Resp: 197511

Ion Ratio Lower Upper

41 100

69 75.4 59.3 88.9

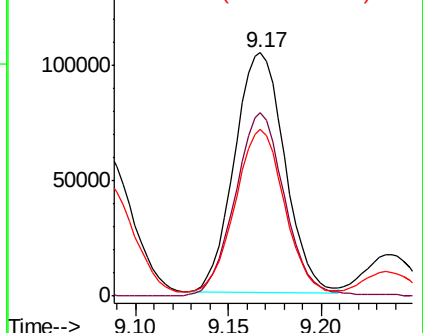
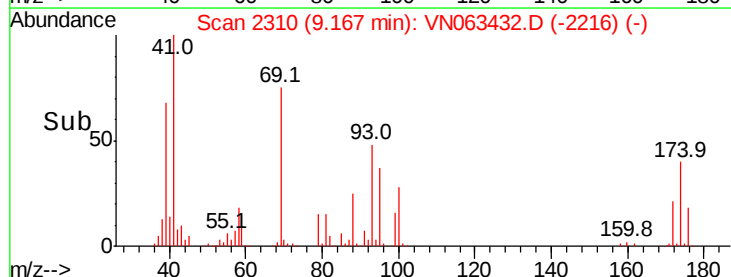
39 68.5 52.9 79.3

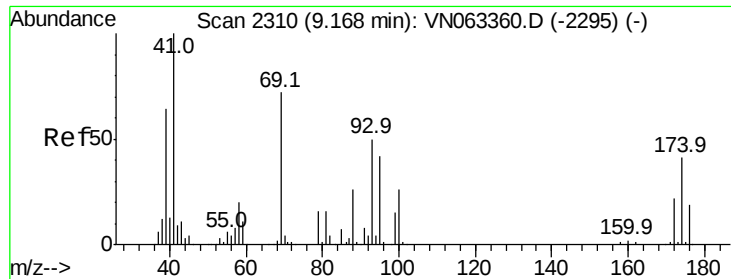


Abundance Ion 41.00 (40.70 to 41.70): VN063432.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN063432.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN063432.D (-2216) (-)





#49

1,4-Dioxane

Concen: 885.226 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

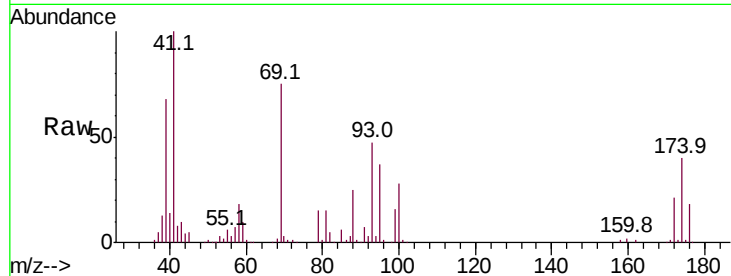
Tot Ion: 88 Resp: 54870

Ion Ratio Lower Upper

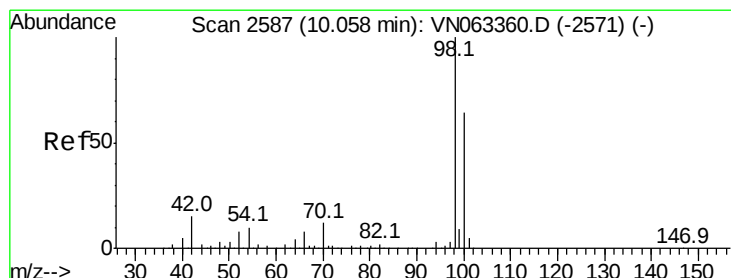
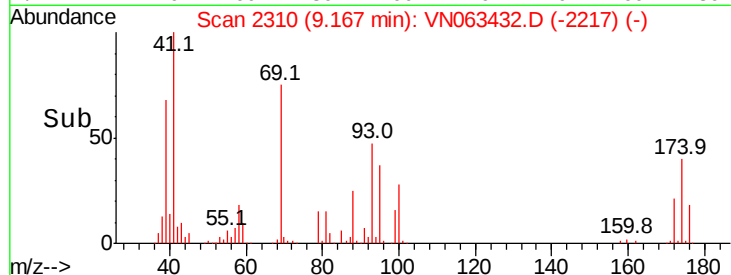
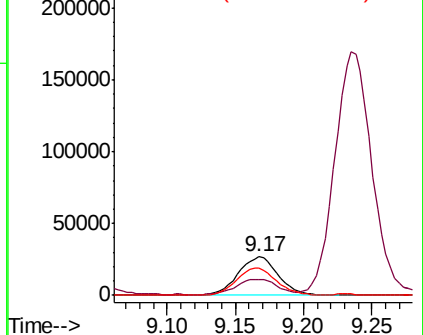
88 100

43 39.5 32.6 49.0

58 70.1 60.0 90.0



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 47.521 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063432.D

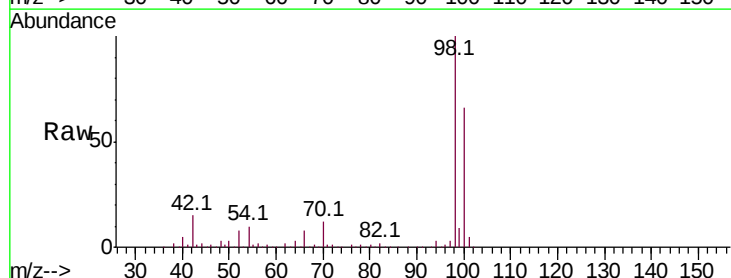
Acq: 17 Sep 2020 20:24

Tgt Ion: 98 Resp: 581661

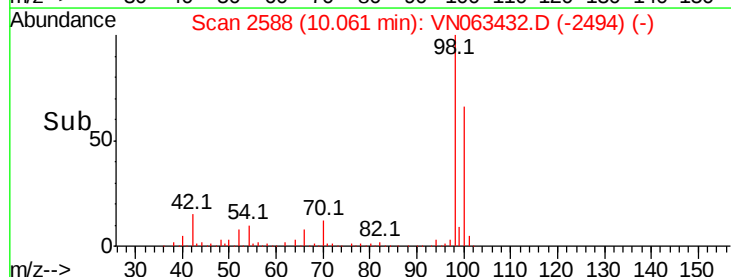
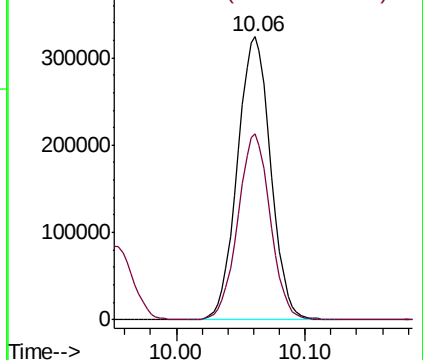
Ion Ratio Lower Upper

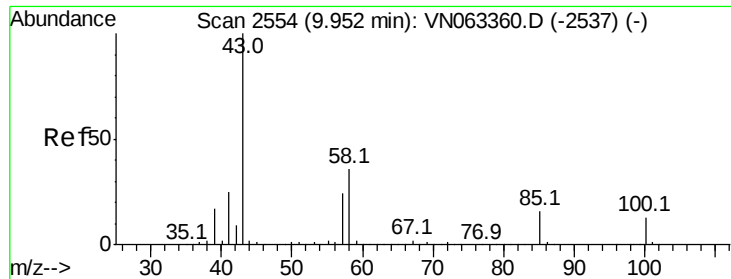
98 100

100 63.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 240.679 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

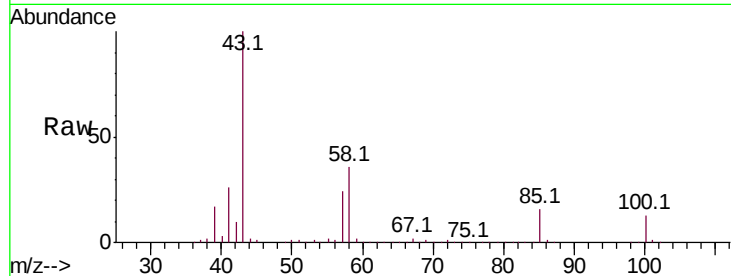
VSTDCCC050EC

Tot Ion: 43 Resp: 1184557

Ion Ratio Lower Upper

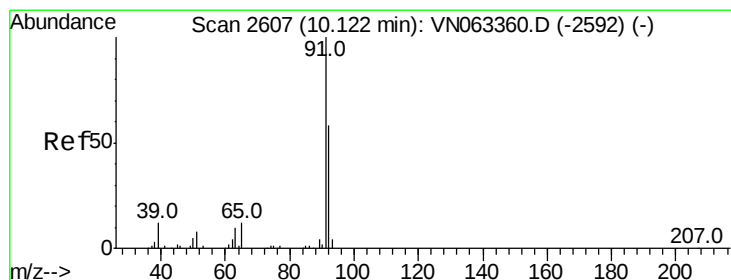
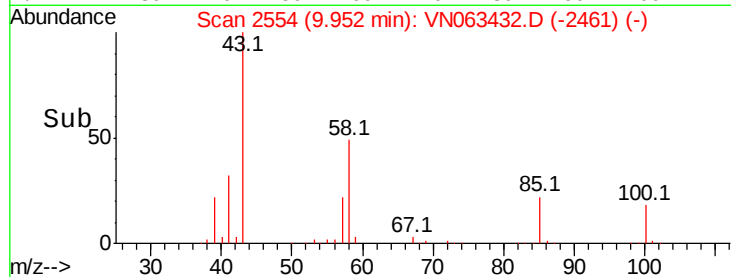
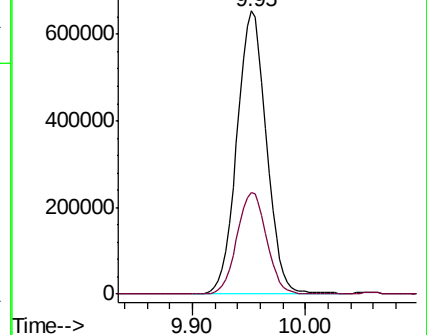
43 100

58 36.3 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 47.986 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063432.D

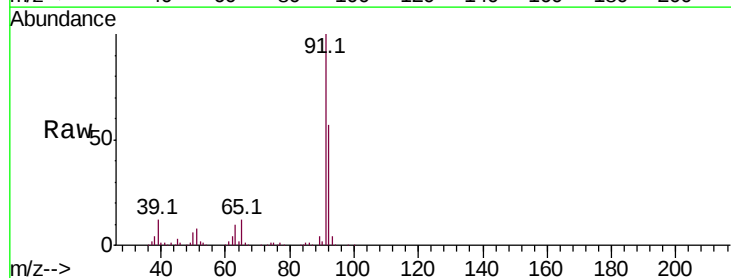
Acq: 17 Sep 2020 20:24

Tgt Ion: 92 Resp: 412575

Ion Ratio Lower Upper

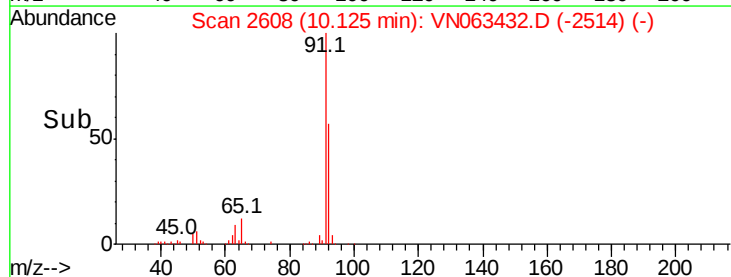
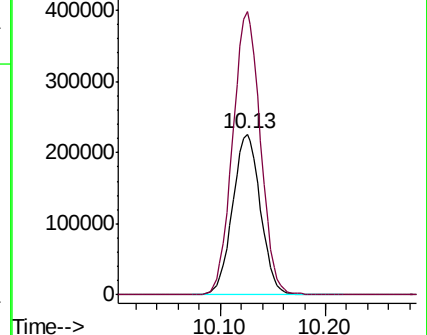
92 100

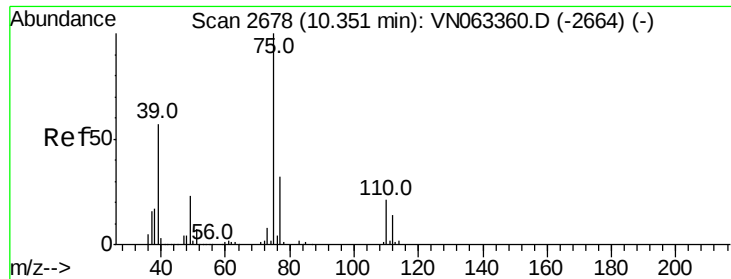
91 175.6 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 46.984 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

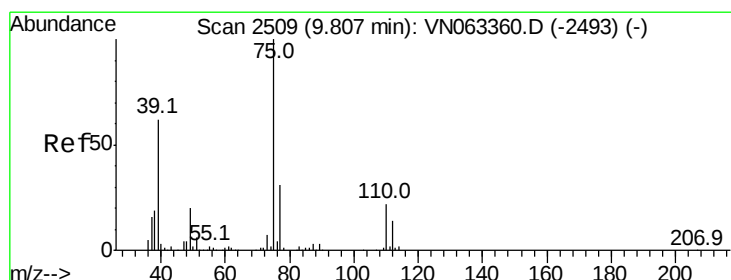
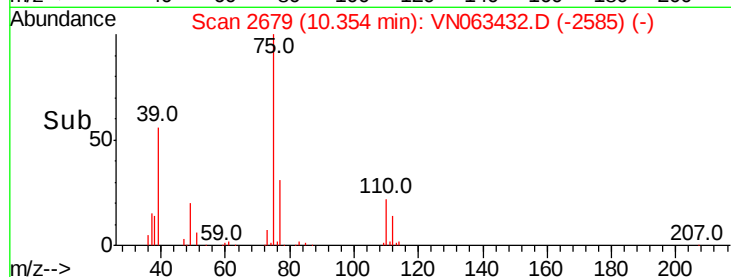
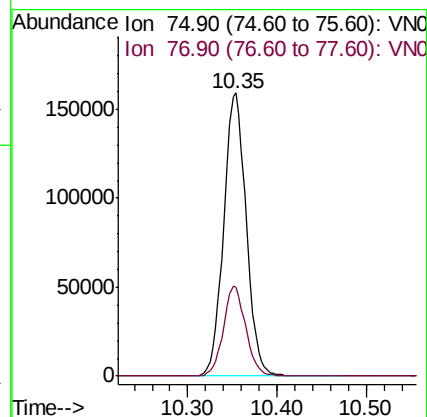
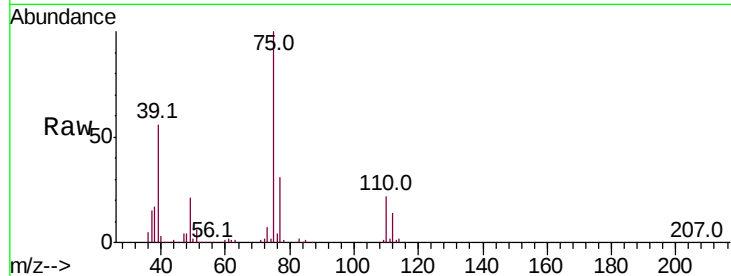
VSTDCCC050EC

Tot Ion: 75 Resp: 278946

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 46.115 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

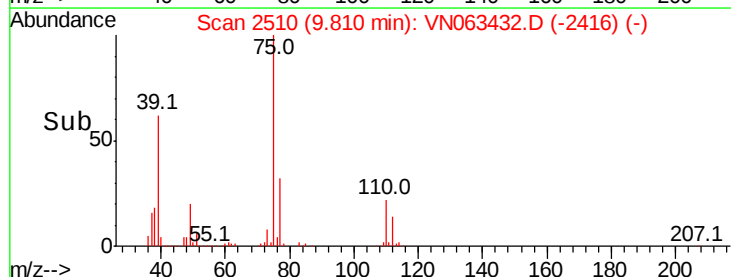
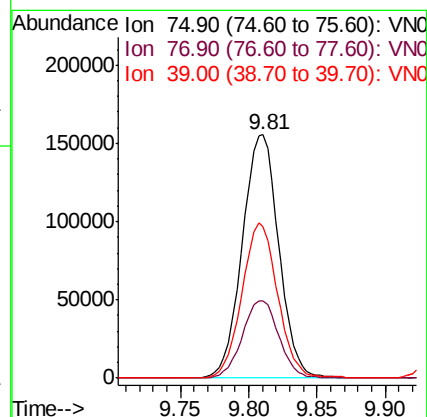
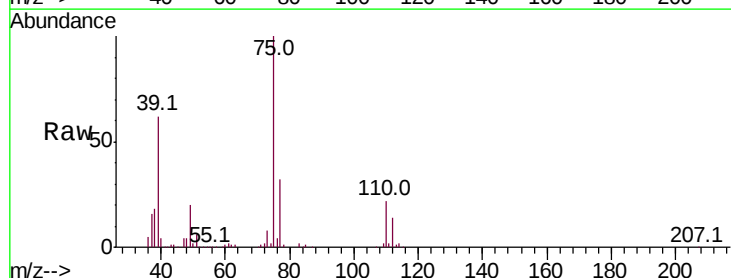
Tgt Ion: 75 Resp: 288789

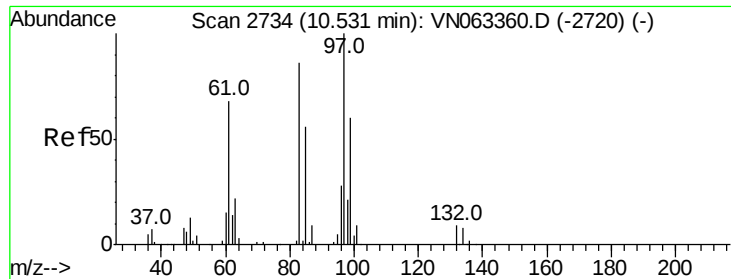
Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0

39 62.2 49.8 74.8

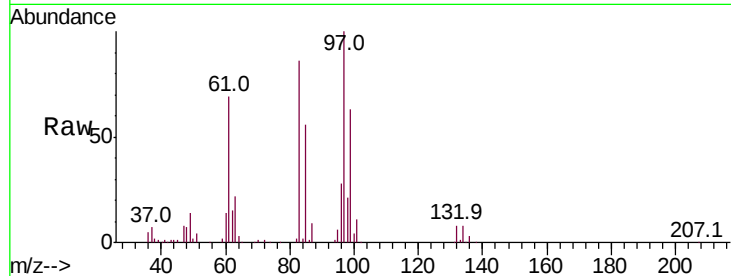




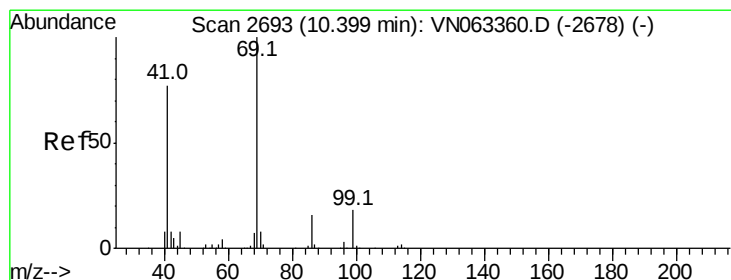
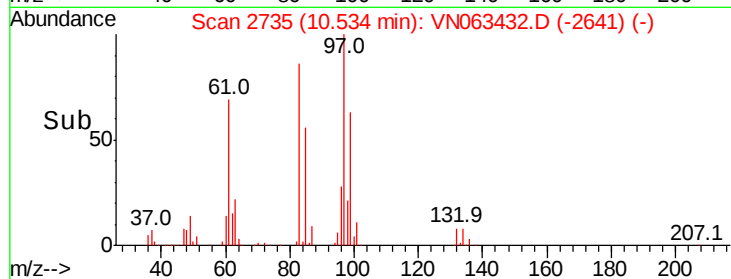
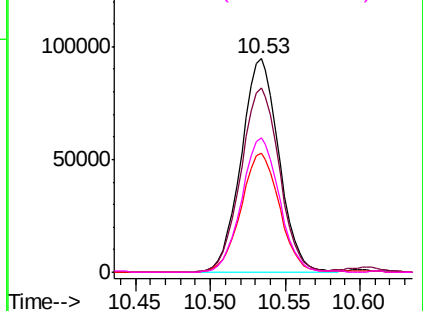
#55
 1,1,2-Trichloroethane
 Concen: 48.742 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063432.D
 Acq: 17 Sep 2020 20:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	166458
Ion	Ratio	Lower	Upper
97	100		
83	86.1	68.9	103.3
85	56.0	44.8	67.2
99	63.2	47.8	71.8

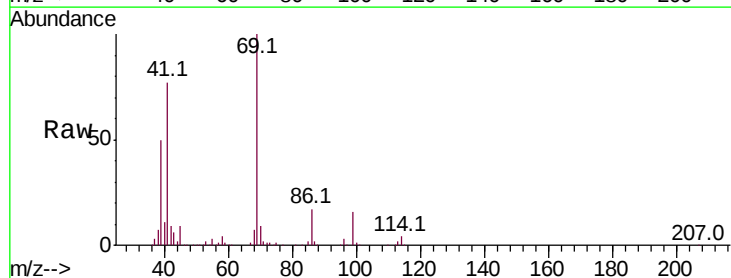


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

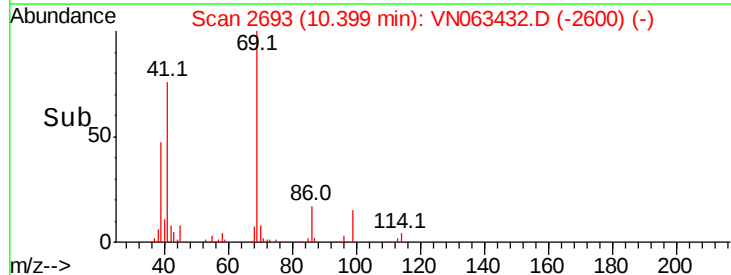
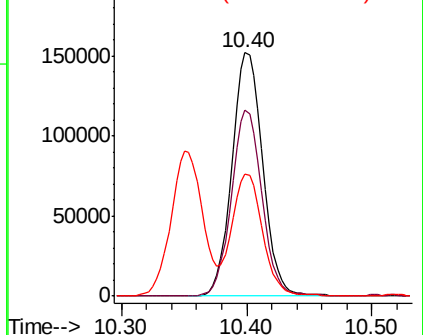


#56
 Ethyl methacrylate
 Concen: 48.553 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063432.D
 Acq: 17 Sep 2020 20:24

Tgt Ion:	69	Resp:	258854
Ion	Ratio	Lower	Upper
69	100		
41	75.0	61.0	91.6
39	50.3	39.2	58.8



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 47.181 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

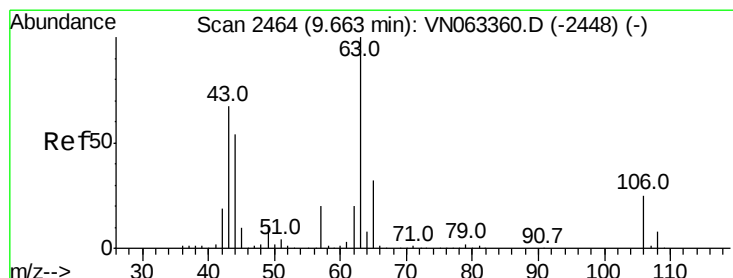
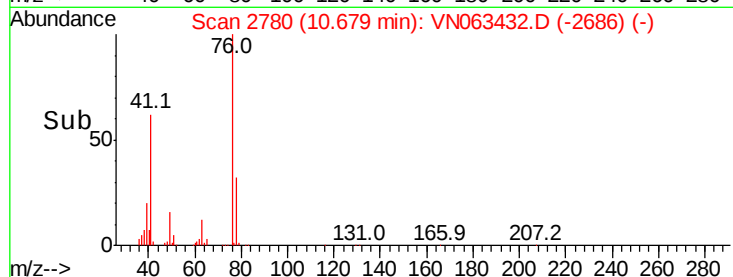
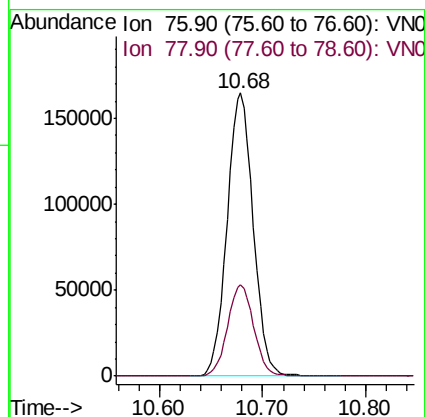
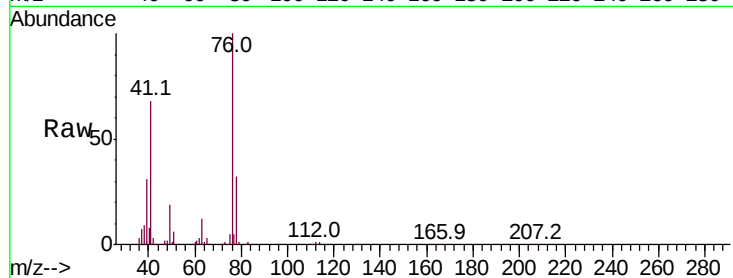
VSTDCCC050EC

Tot Ion: 76 Resp: 290566

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 240.666 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063432.D

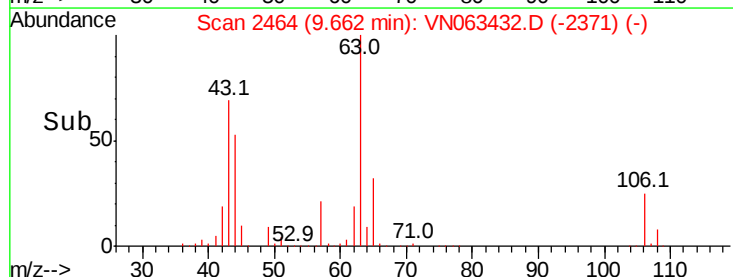
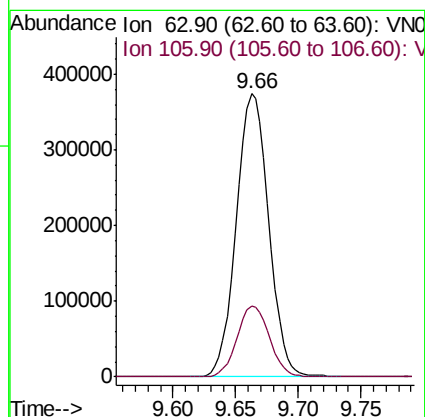
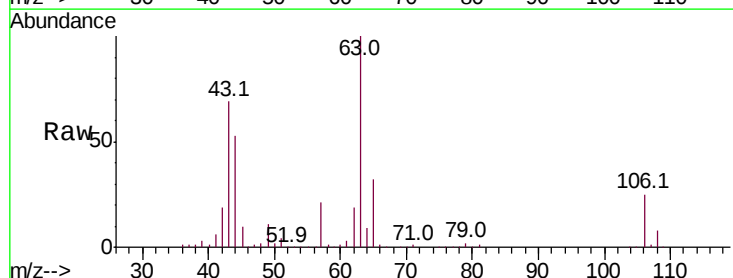
Acq: 17 Sep 2020 20:24

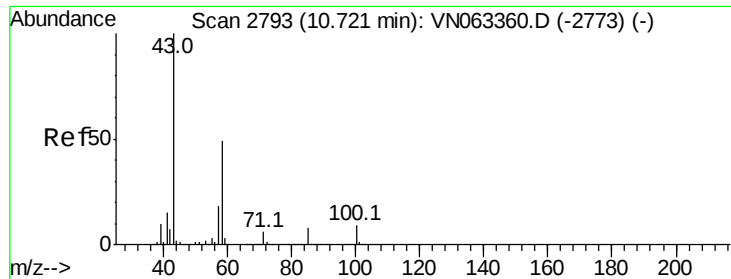
Tgt Ion: 63 Resp: 673077

Ion Ratio Lower Upper

63 100

106 25.0 19.5 29.3

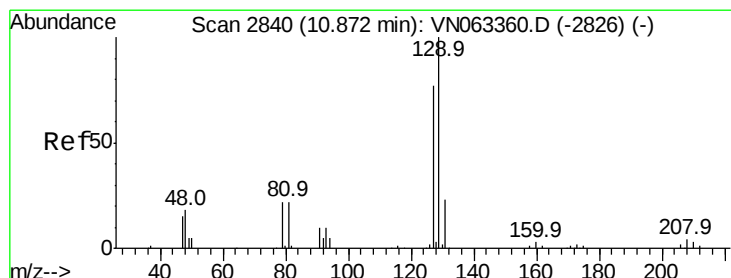
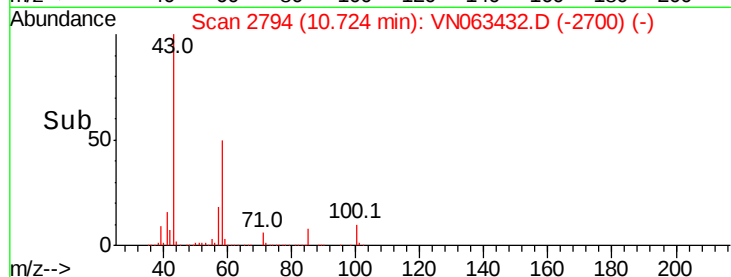
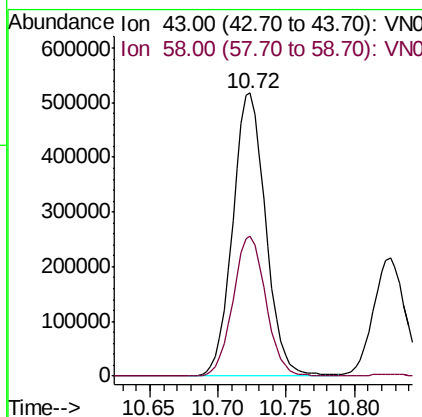
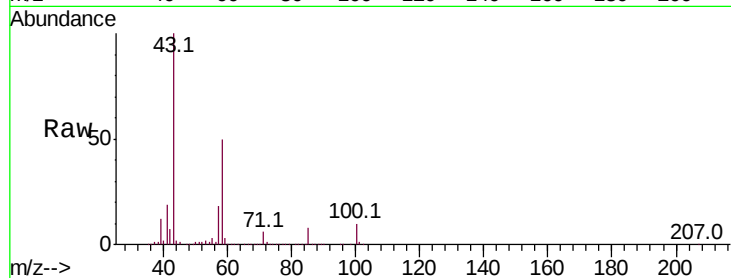




#59
2-Hexanone
Concen: 242.559 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

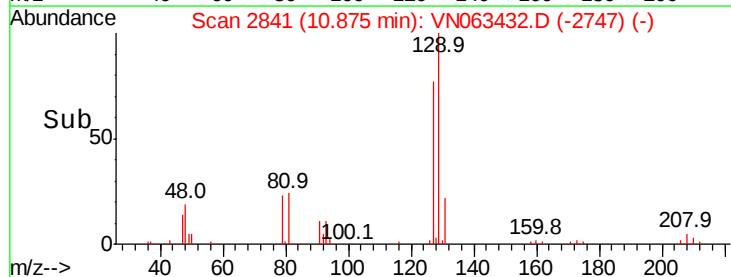
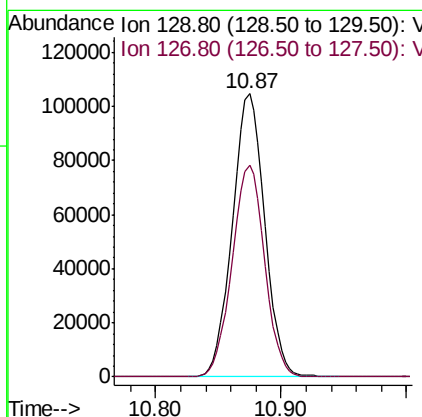
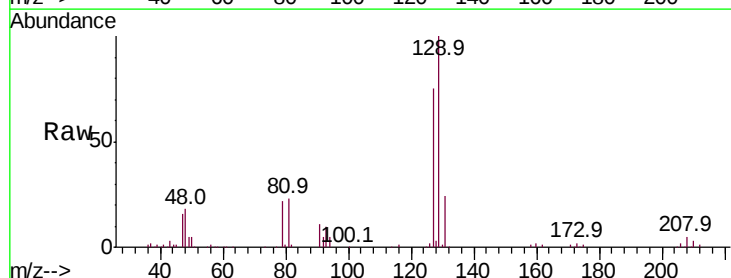
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

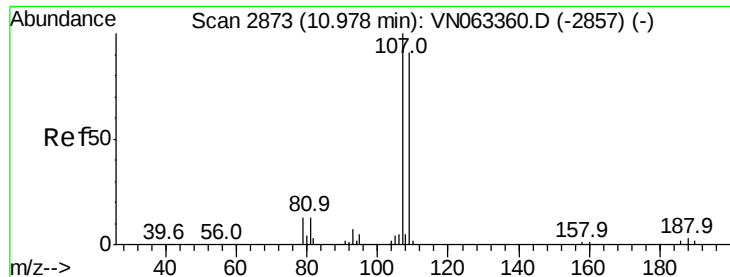
Tot Ion: 43 Resp: 864883
Ion Ratio Lower Upper
43 100
58 49.7 24.7 74.1



#60
Dibromochloromethane
Concen: 48.589 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

Tgt Ion: 129 Resp: 187464
Ion Ratio Lower Upper
129 100
127 75.4 39.1 117.3





#61

1,2-Dibromoethane

Concen: 48.909 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

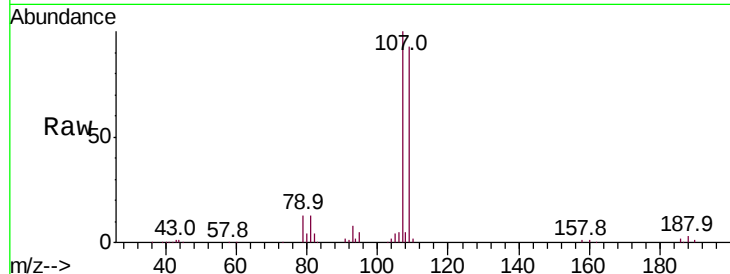
VSTDCCC050EC

Tot Ion:107 Resp: 173529

Ion Ratio Lower Upper

107 100

109 92.8 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

100000

80000

60000

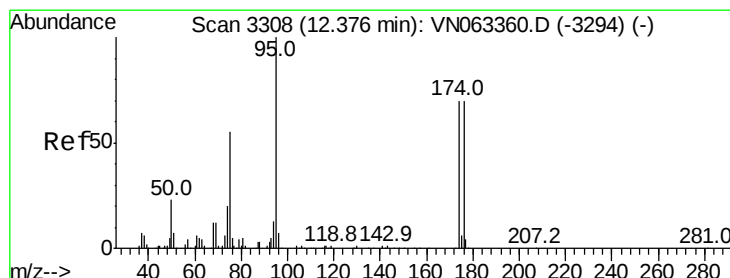
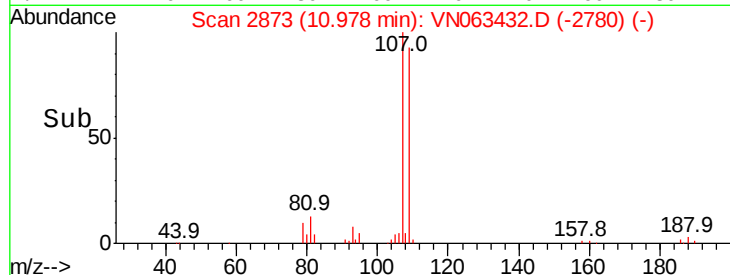
40000

20000

0

Time-->

10.90 11.00



#62

4-Bromofluorobenzene

Concen: 50.492 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

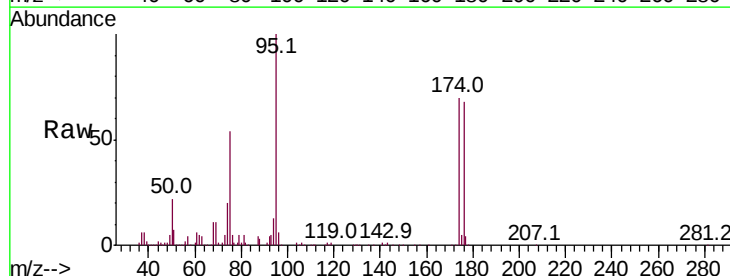
Tgt Ion: 95 Resp: 226559

Ion Ratio Lower Upper

95 100

174 70.0 0.0 140.8

176 67.7 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

150000

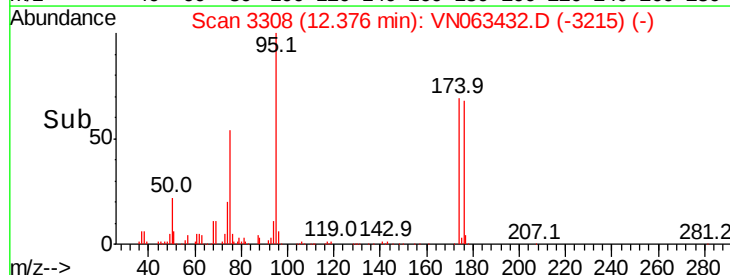
100000

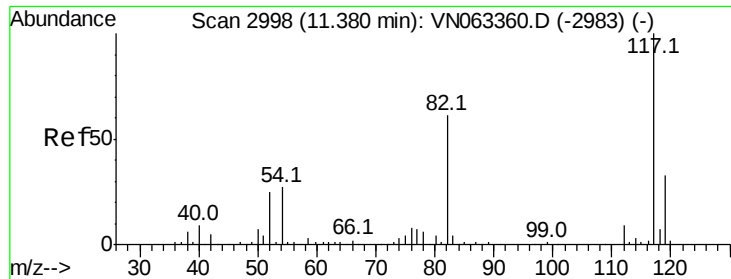
50000

0

Time-->

12.30 12.35 12.40 12.45

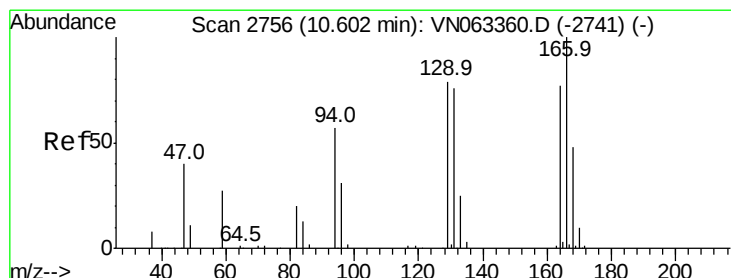
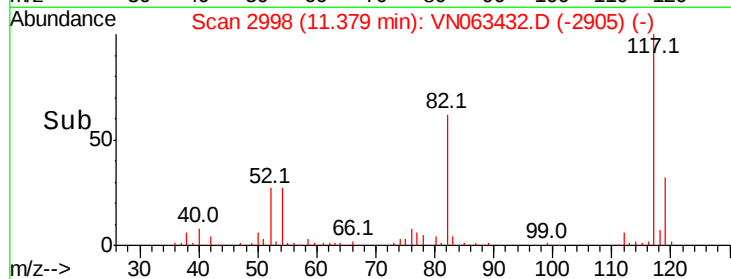
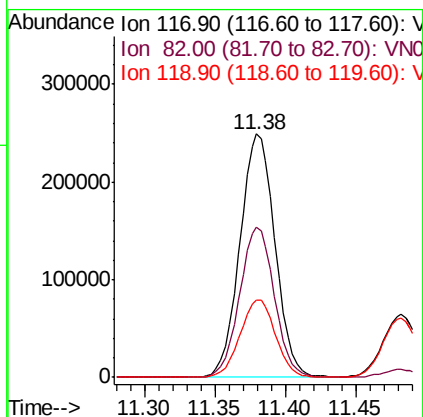
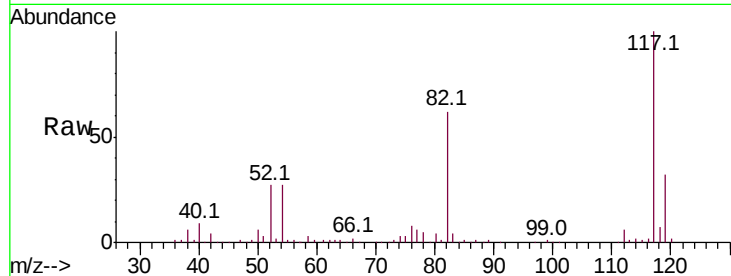




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

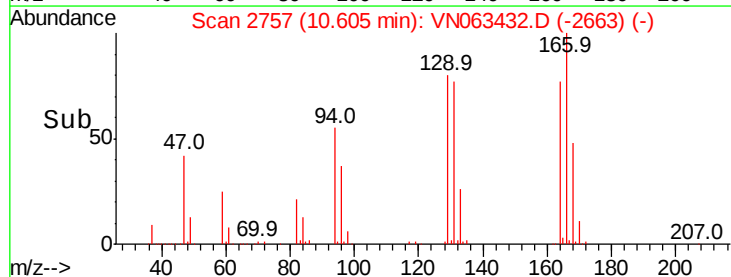
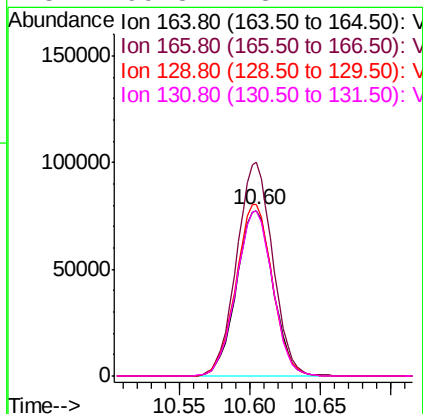
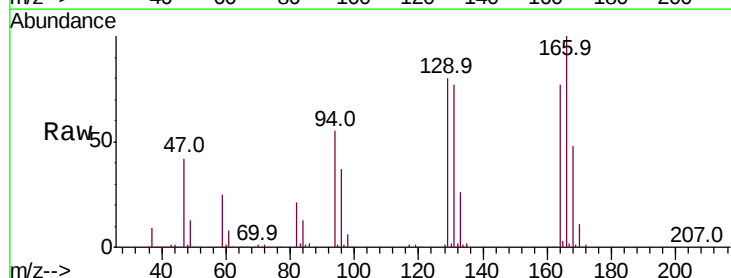
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

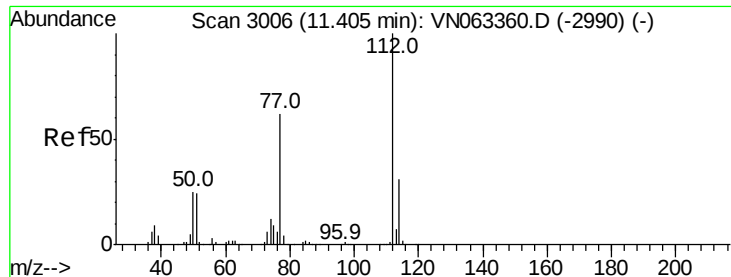
Tot Ion:117 Resp: 434244
Ion Ratio Lower Upper
117 100
82 61.9 49.2 73.8
119 31.9 26.2 39.4



#64
Tetrachloroethene
Concen: 47.509 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

Tgt Ion:164 Resp: 140478
Ion Ratio Lower Upper
164 100
166 129.1 103.4 155.0
129 103.7 81.8 122.6
131 99.8 78.2 117.4

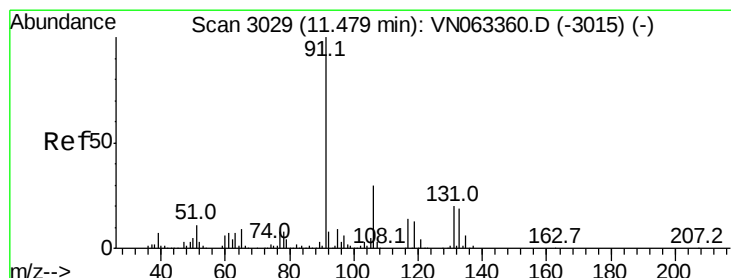
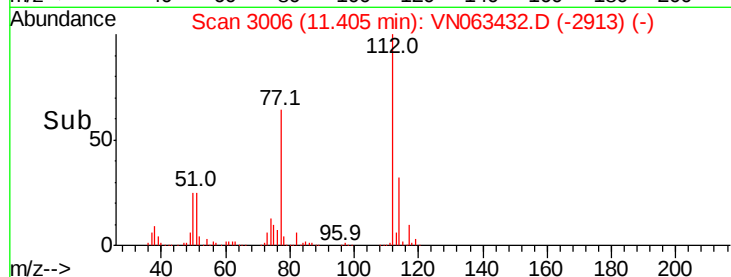
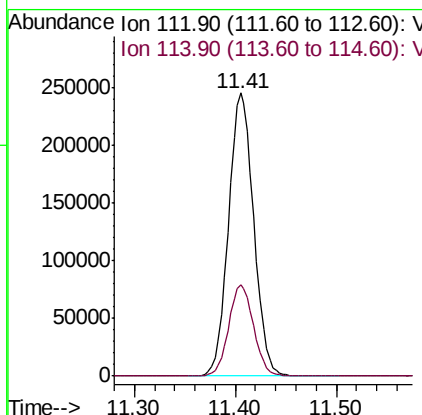
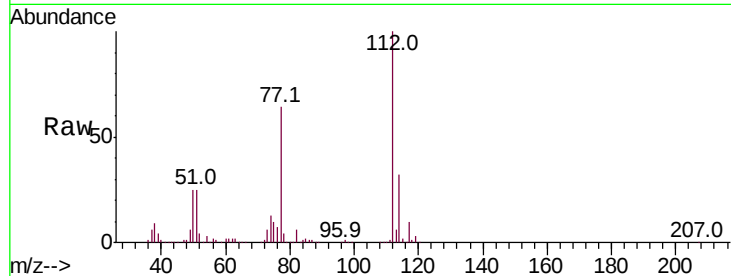




#65
Chlorobenzene
Concen: 46.326 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

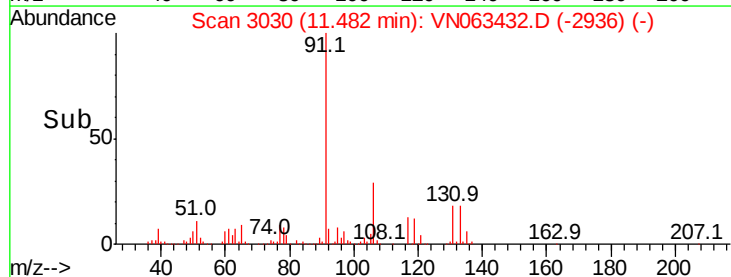
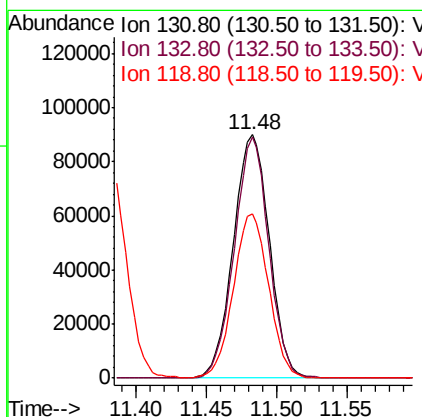
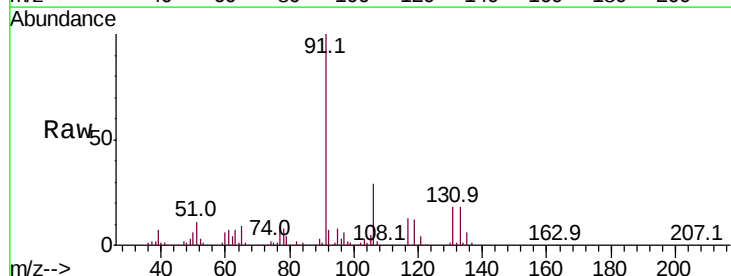
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

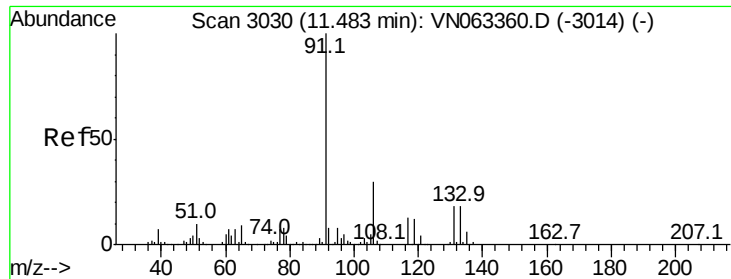
Tot Ion:112 Resp: 427026
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.762 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

Tgt Ion:131 Resp: 161382
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.9
119 66.2 33.6 100.8





#67

Ethyl Benzene

Concen: 47.005 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

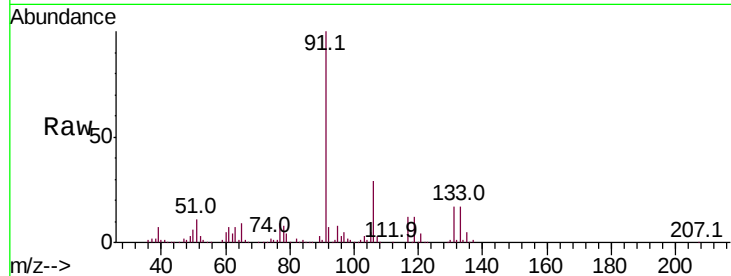
VSTDCCC050EC

Tot Ion: 91 Resp: 815959

Ion Ratio Lower Upper

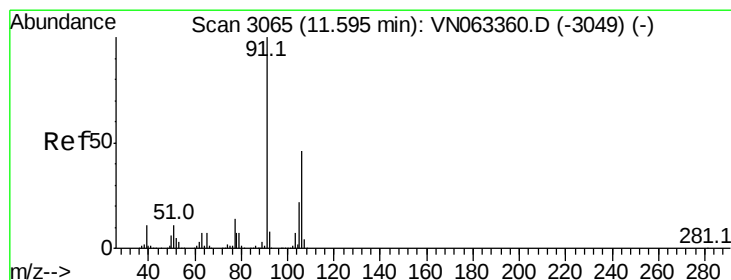
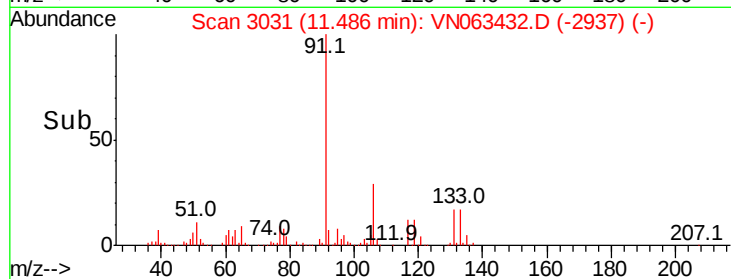
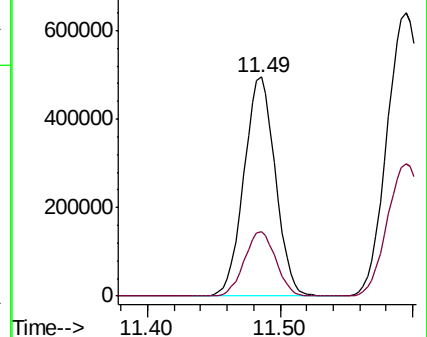
91 100

106 29.4 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3014) (-)

Ion 106.00 (105.70 to 106.70): VN063360.D (-3014) (-)



#68

m/p-Xylenes

Concen: 93.153 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063432.D

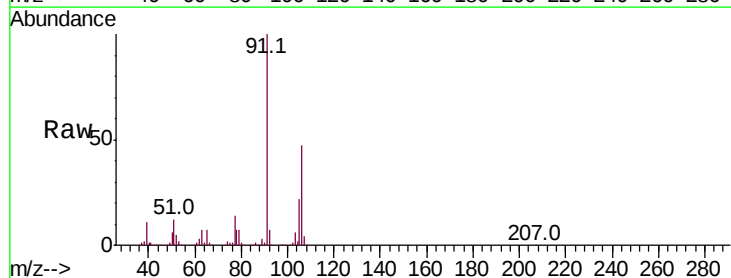
Acq: 17 Sep 2020 20:24

Tgt Ion:106 Resp: 583020

Ion Ratio Lower Upper

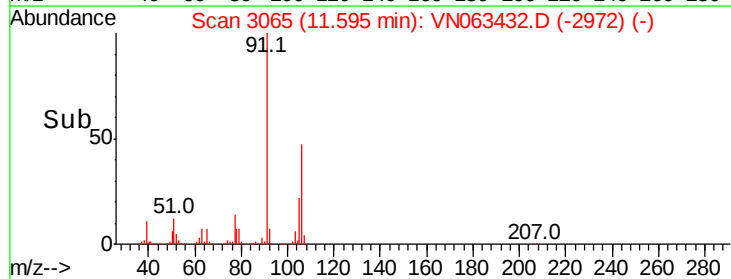
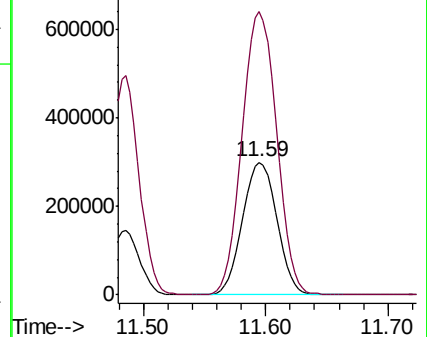
106 100

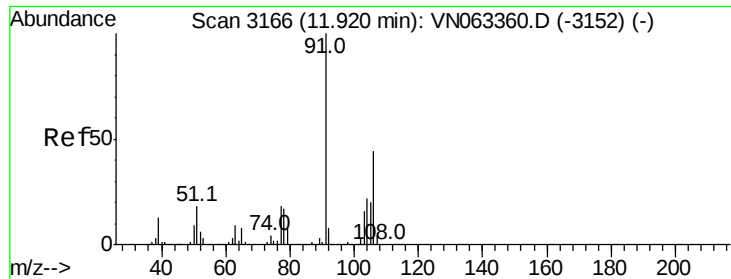
91 215.0 171.2 256.8



Abundance Ion 106.00 (105.70 to 106.70): VN063360.D (-3049) (-)

Ion 91.00 (90.70 to 91.70): VN063360.D (-3049) (-)

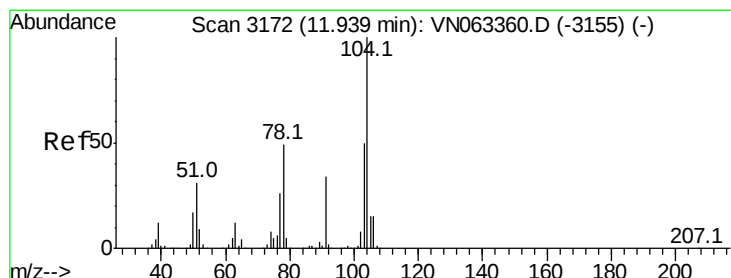
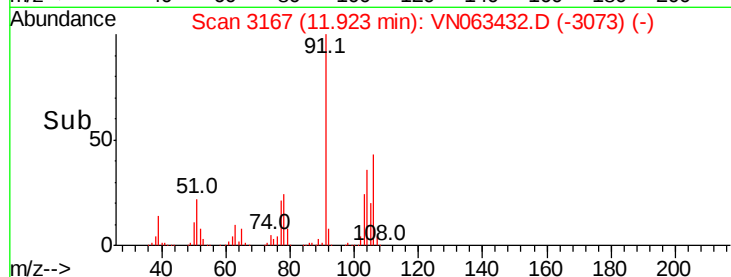
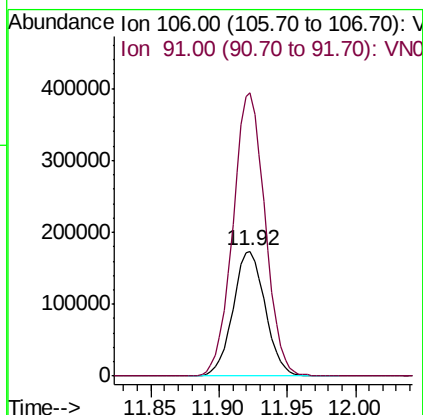
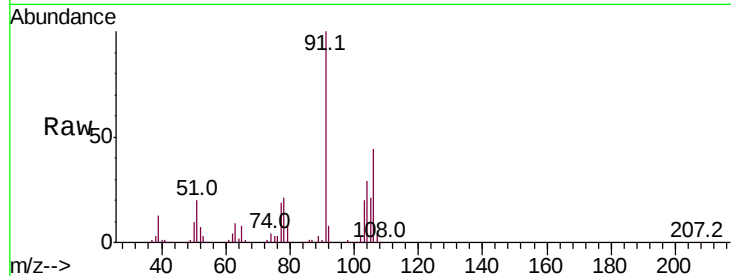




#69
o-Xylene
Concen: 47.845 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

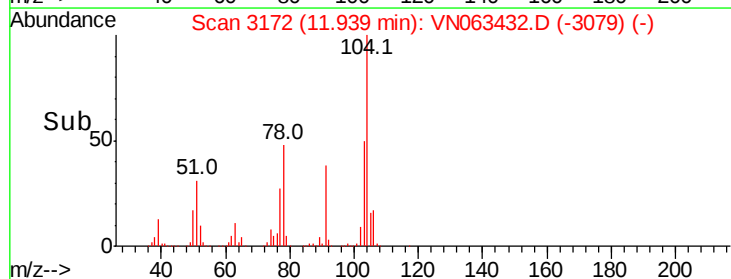
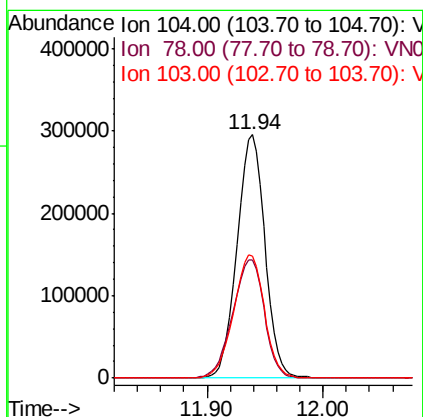
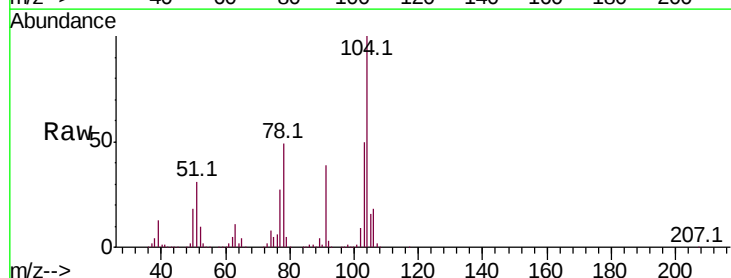
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

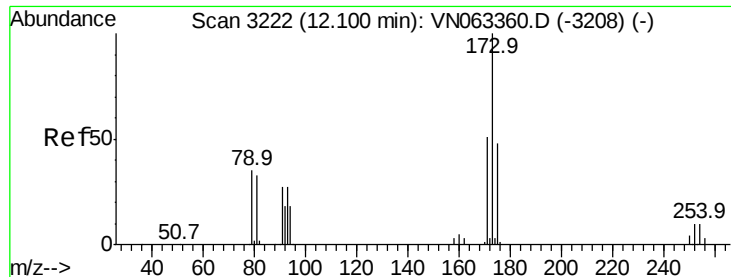
Tot Ion:106 Resp: 285256
Ion Ratio Lower Upper
106 100
91 226.0 113.6 340.8



#70
Styrene
Concen: 49.407 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

Tgt Ion:104 Resp: 493992
Ion Ratio Lower Upper
104 100
78 55.0 44.4 66.6
103 55.7 43.7 65.5

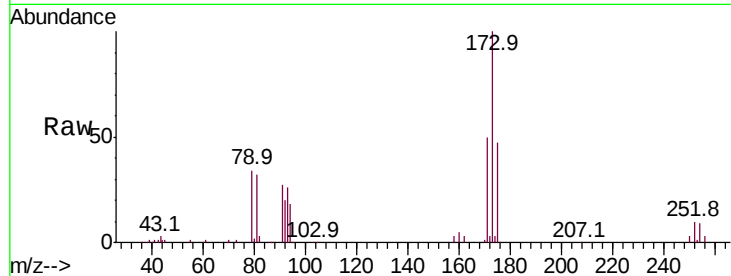




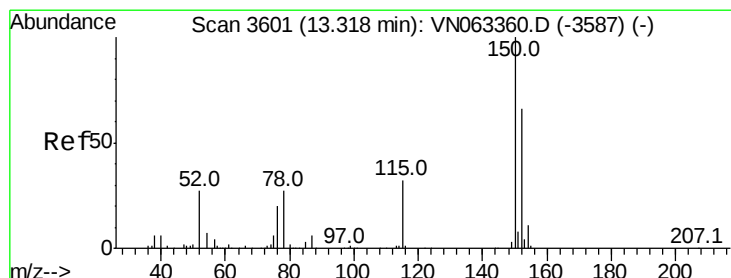
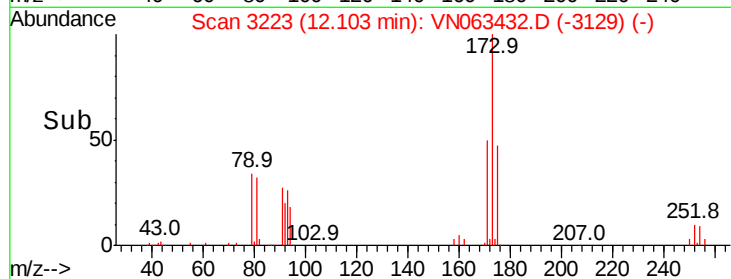
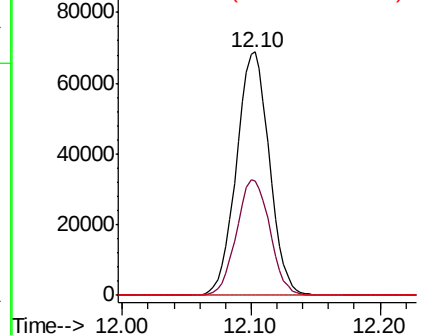
#71
Bromoform
Concen: 48.524 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 122143
Ion Ratio Lower Upper
173 100
175 47.9 24.0 72.0
254 0.0 0.0 0.0

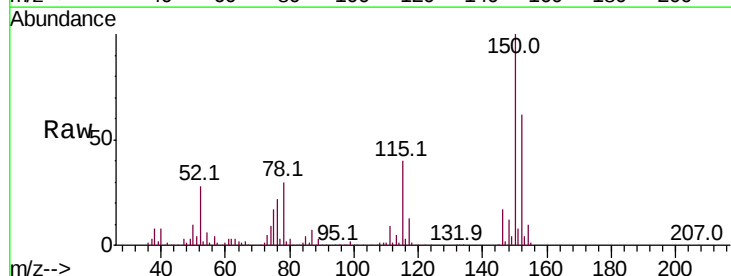


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

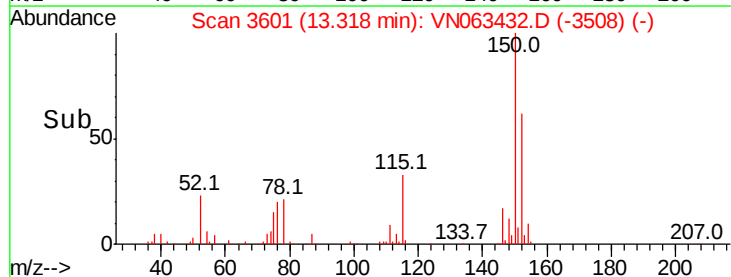
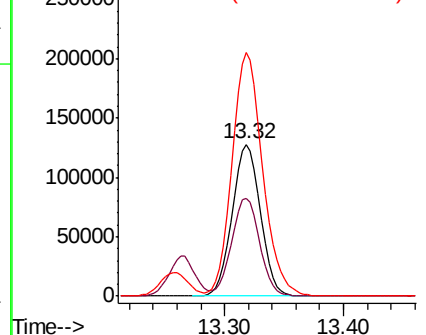


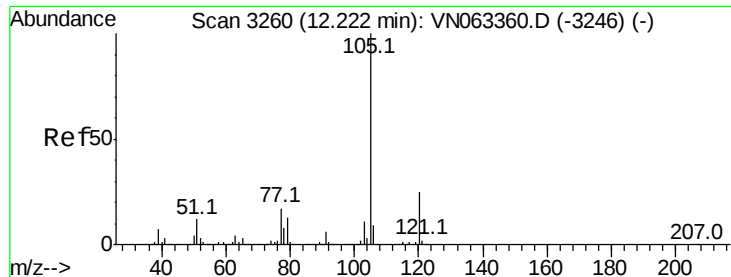
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

Tgt Ion:152 Resp: 209921
Ion Ratio Lower Upper
152 100
115 63.8 32.2 96.6
150 173.1 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.038 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

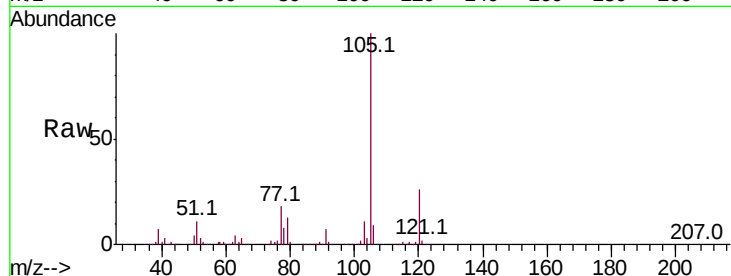
VSTDCCC050EC

Tot Ion:105 Resp: 757630

Ion Ratio Lower Upper

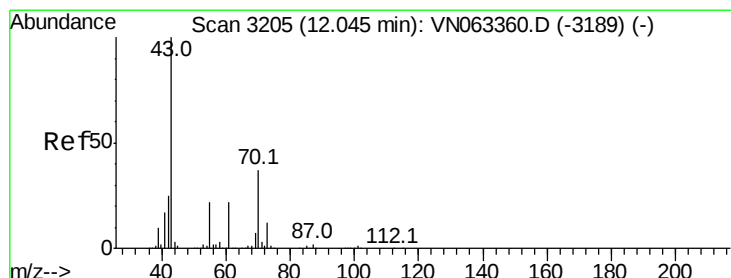
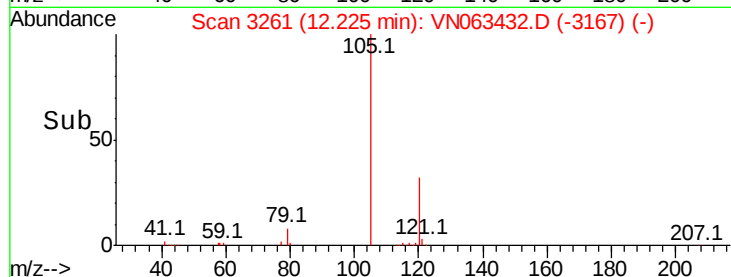
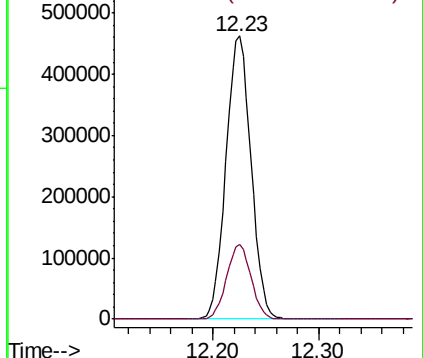
105 100

120 25.9 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.126 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Tgt Ion: 43 Resp: 367304

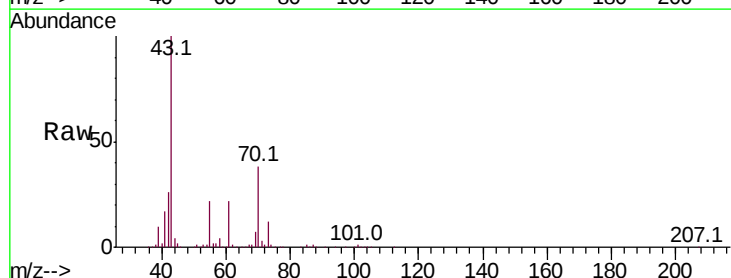
Ion Ratio Lower Upper

43 100

70 37.8 29.6 44.4

55 22.5 17.7 26.5

61 21.7 17.4 26.2

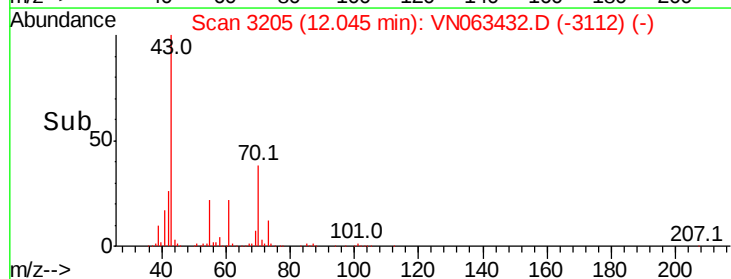
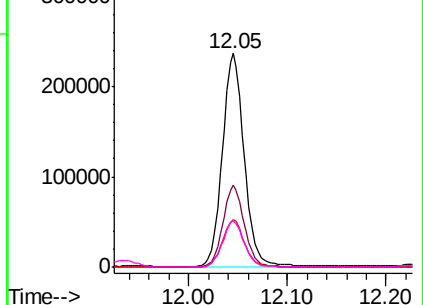


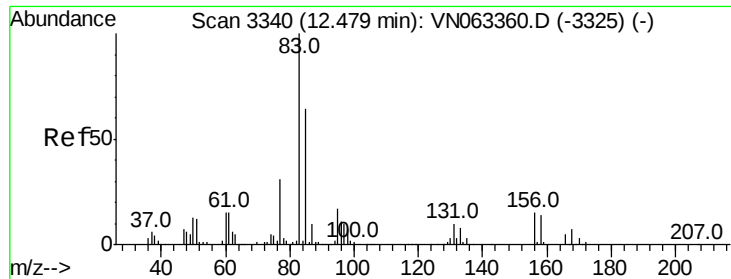
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 46.054 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

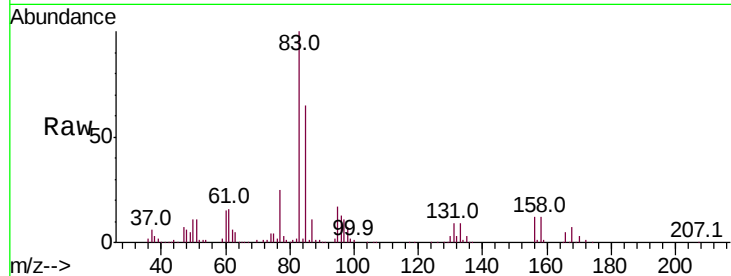
Tot Ion: 83 Resp: 239877

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

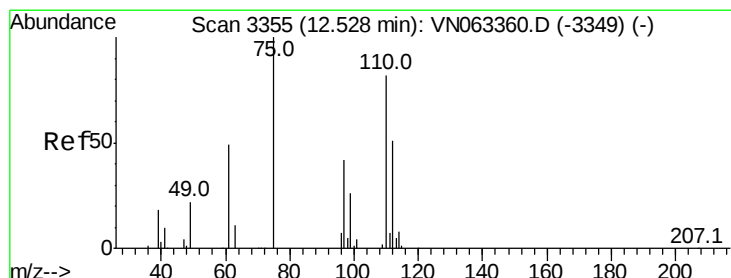
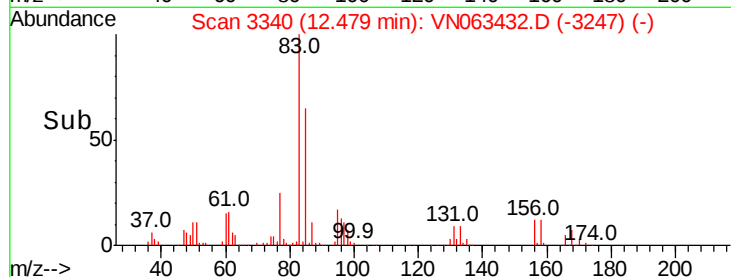
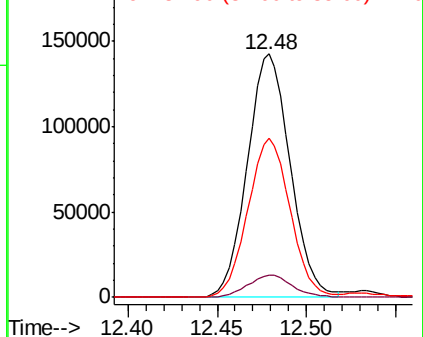
85 64.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN063360.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN063360.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063360.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 63.375 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063432.D

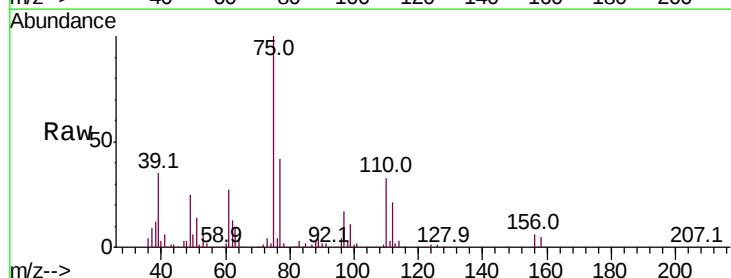
Acq: 17 Sep 2020 20:24

Tgt Ion: 75 Resp: 329288

Ion Ratio Lower Upper

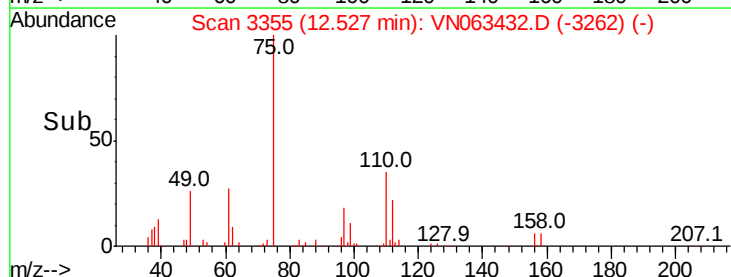
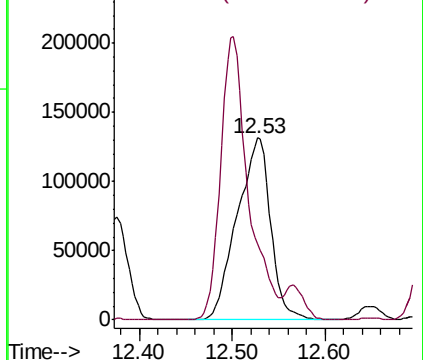
75 100

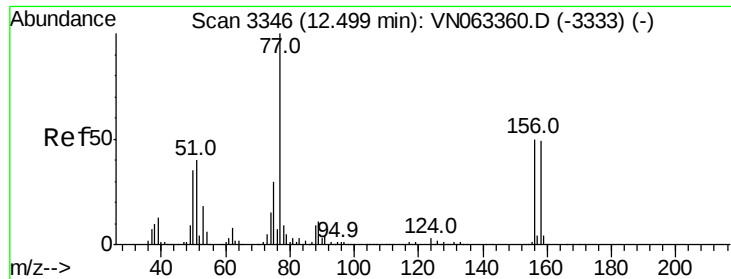
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN063360.D (-3349) (-)





#77

Bromobenzene

Concen: 47.361 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

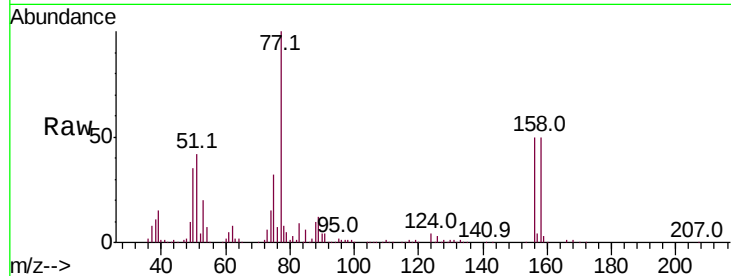
Tot Ion:156 Resp: 179213

Ion Ratio Lower Upper

156 100

77 236.7 120.2 360.6

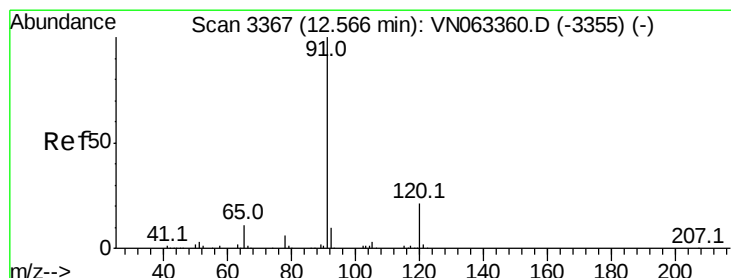
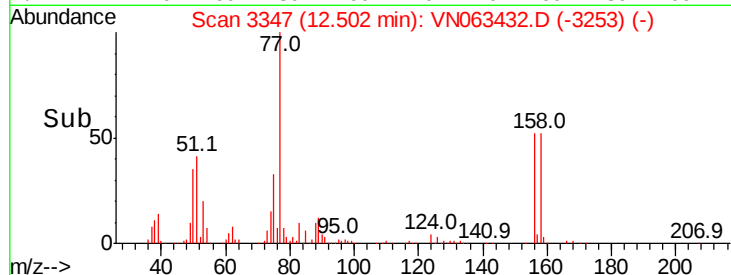
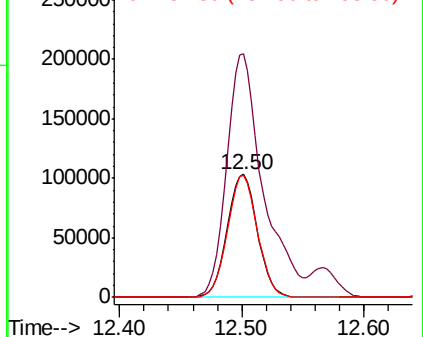
158 98.3 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.793 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063432.D

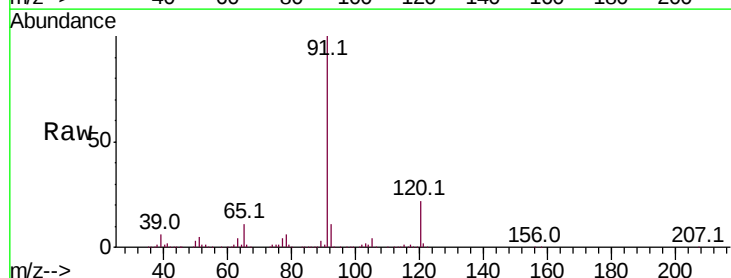
Acq: 17 Sep 2020 20:24

Tgt Ion: 91 Resp: 897208

Ion Ratio Lower Upper

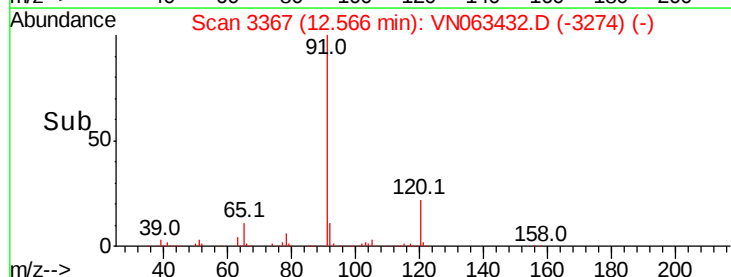
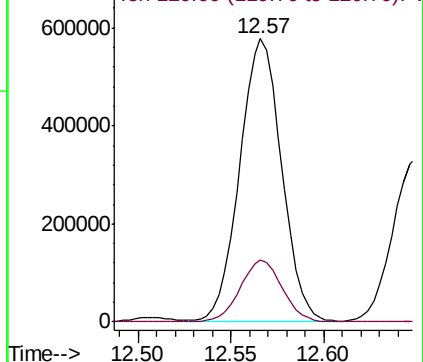
91 100

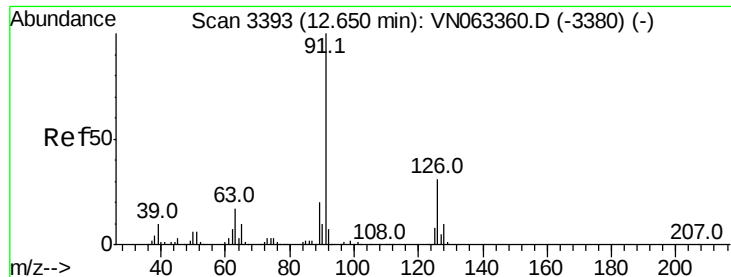
120 22.0 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.464 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

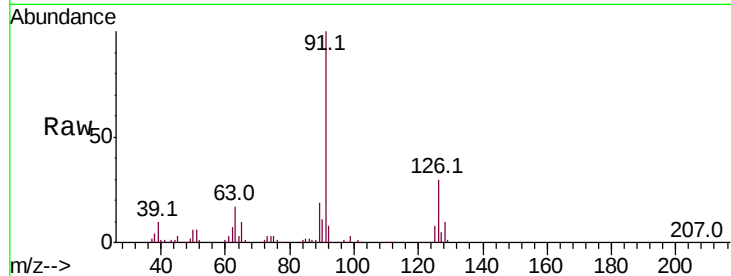
VSTDCCC050EC

Tot Ion: 91 Resp: 545714

Ion Ratio Lower Upper

91 100

126 30.3 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063360.D (-3380) (-)

600000

500000

400000

300000

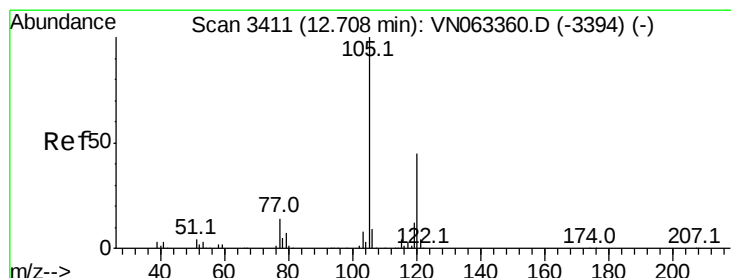
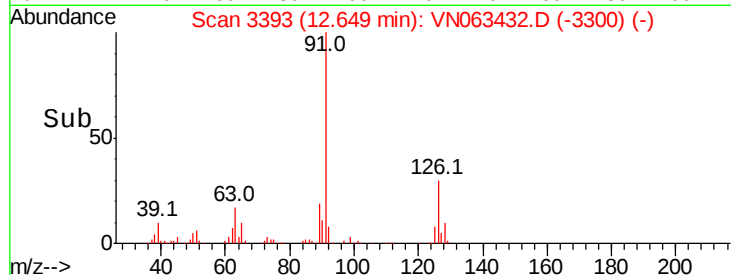
200000

100000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 46.956 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063432.D

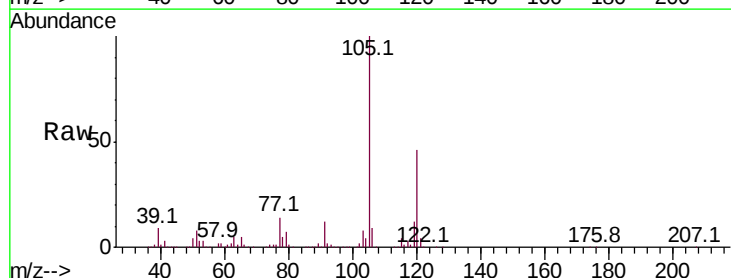
Acq: 17 Sep 2020 20:24

Tgt Ion:105 Resp: 658667

Ion Ratio Lower Upper

105 100

120 46.1 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN063360.D (-3394) (-)

400000

300000

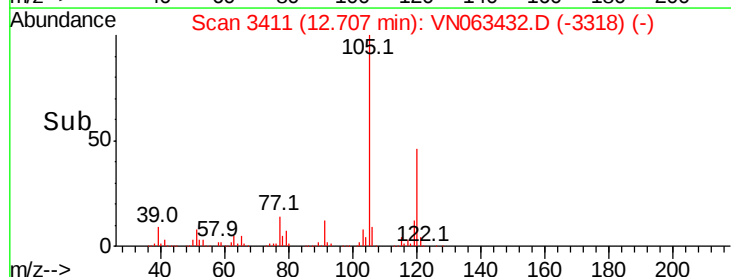
200000

100000

0

12.60 12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 43.857 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

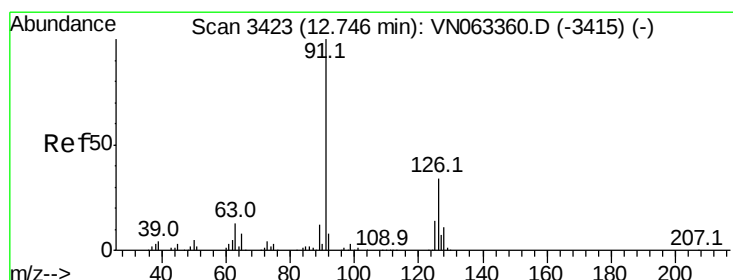
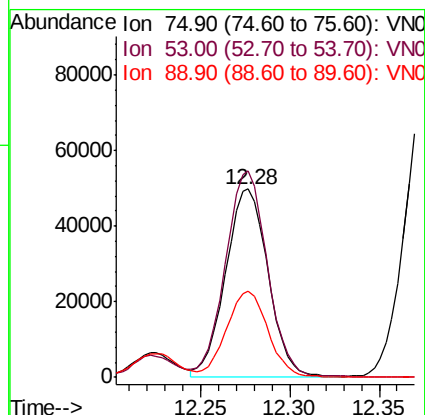
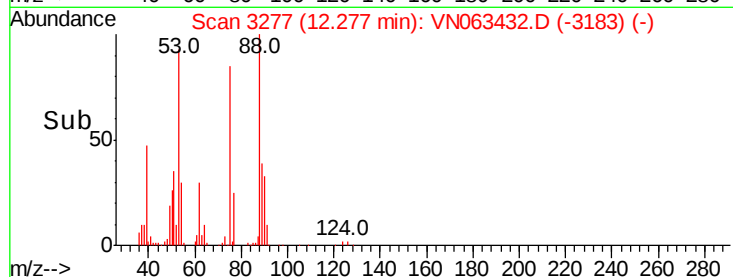
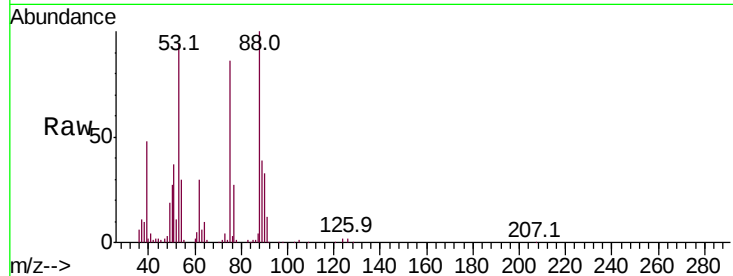
Tot Ion: 75 Resp: 83116

Ion Ratio Lower Upper

75 100

53 105.4 85.7 128.5

89 44.4 38.0 57.0



#82

4-Chlorotoluene

Concen: 46.154 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063432.D

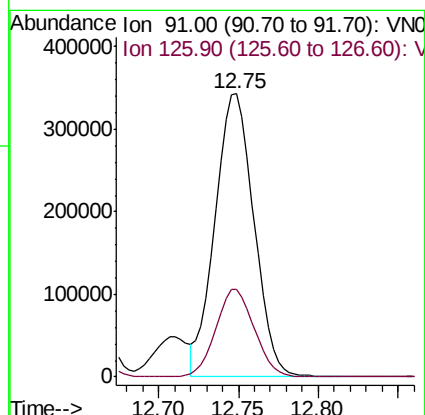
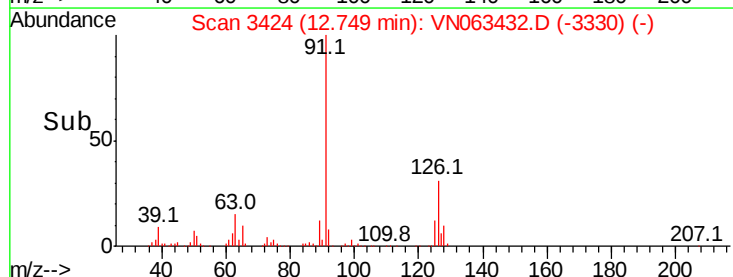
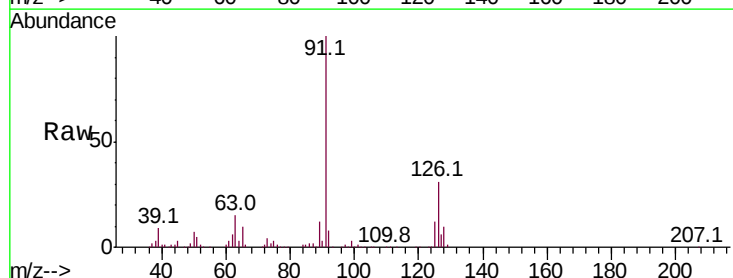
Acq: 17 Sep 2020 20:24

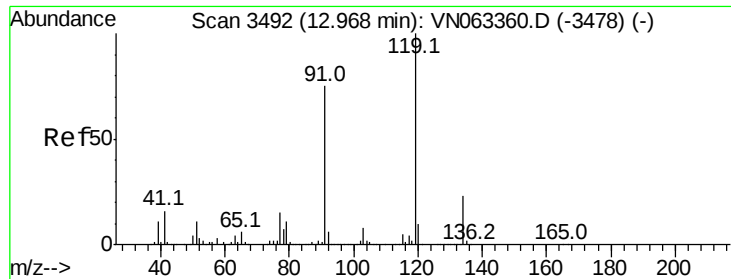
Tgt Ion: 91 Resp: 572748

Ion Ratio Lower Upper

91 100

126 30.8 15.5 46.5

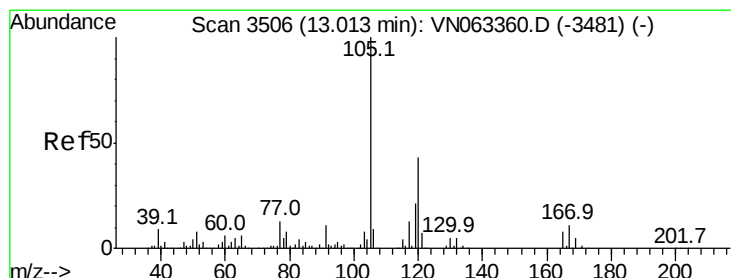
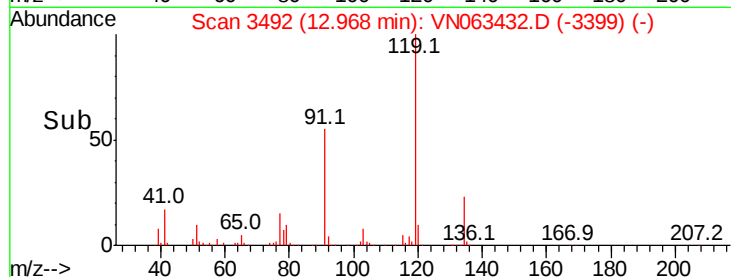
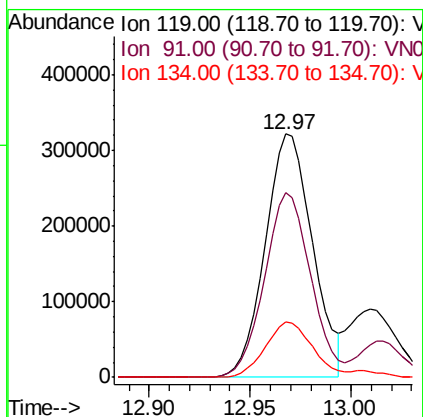
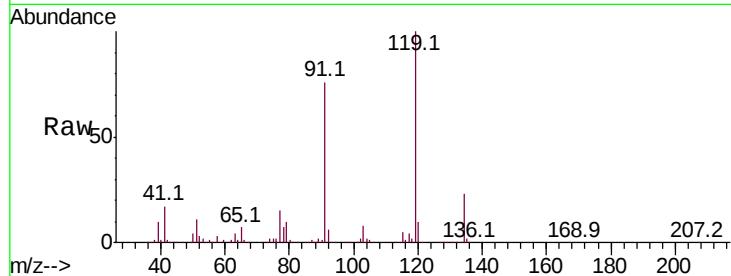




#83
tert-Butylbenzene
Concen: 45.329 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

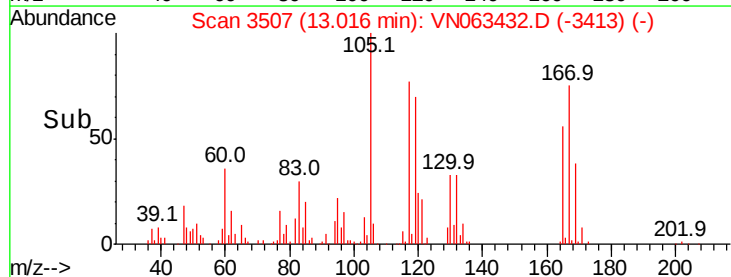
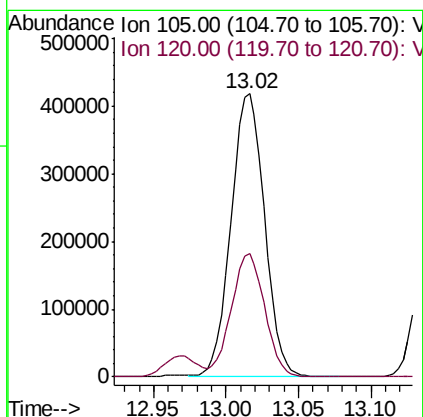
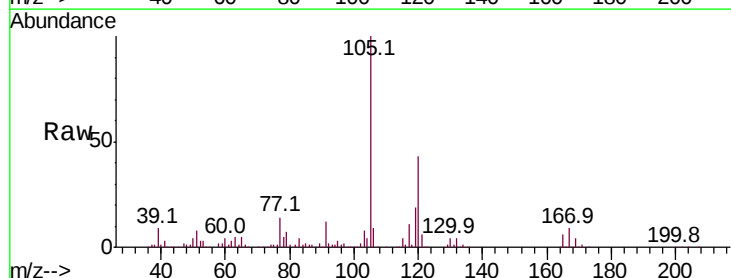
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

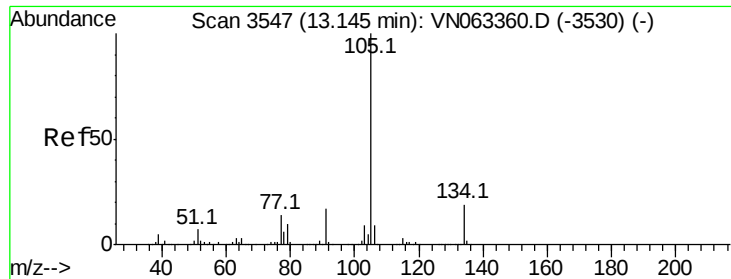
Tot Ion:119 Resp: 524792
Ion Ratio Lower Upper
119 100
91 73.7 36.3 108.9
134 22.7 12.3 36.8



#84
1,2,4-Trimethylbenzene
Concen: 47.262 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063432.D
Acq: 17 Sep 2020 20:24

Tgt Ion:105 Resp: 669646
Ion Ratio Lower Upper
105 100
120 43.3 21.3 63.9





#85

sec-Butylbenzene

Concen: 46.028 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

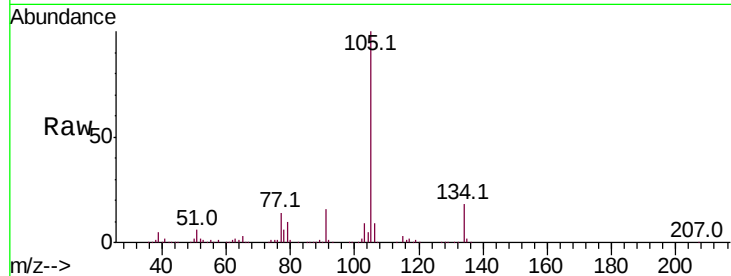
VSTDCCC050EC

Tot Ion:105 Resp: 713293

Ion Ratio Lower Upper

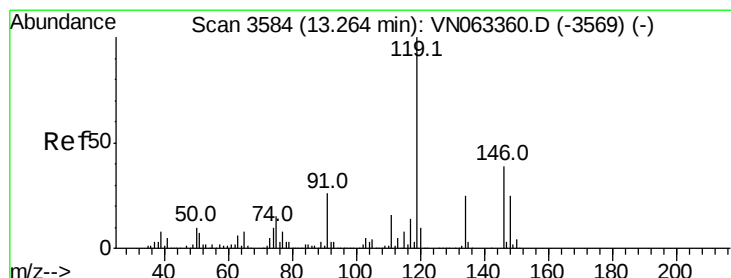
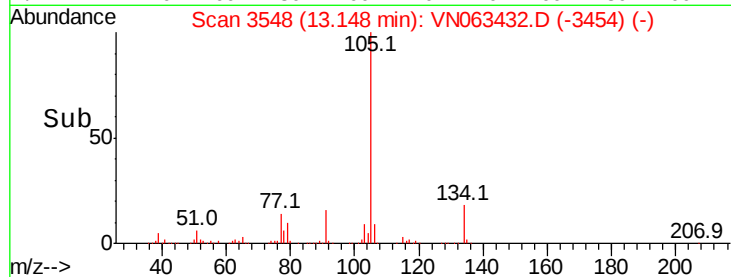
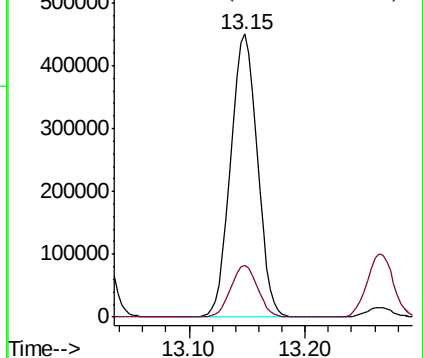
105 100

134 18.4 9.3 27.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.502 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

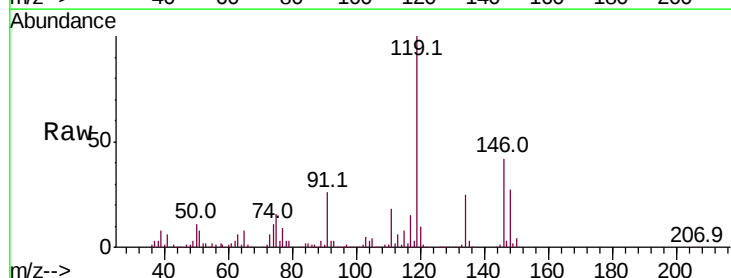
Tgt Ion:119 Resp: 635619

Ion Ratio Lower Upper

119 100

134 24.9 12.5 37.5

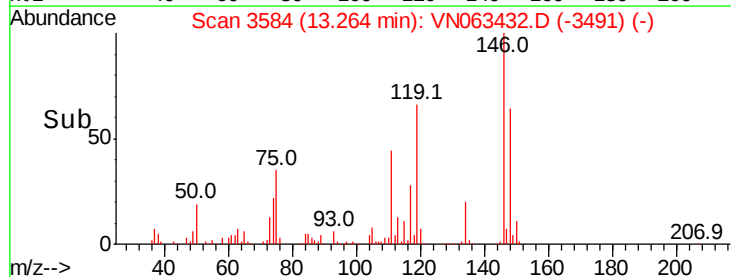
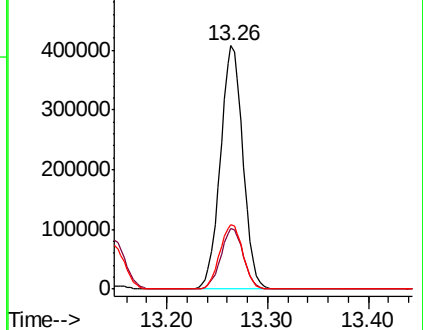
91 26.9 13.4 40.1

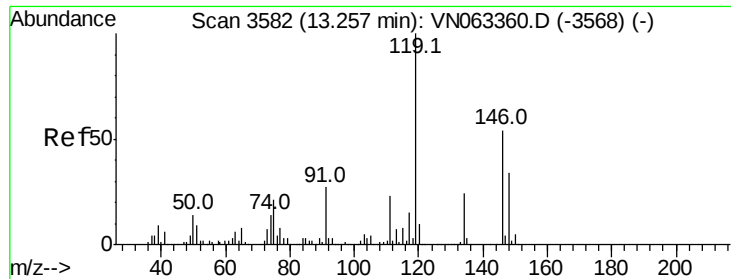


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

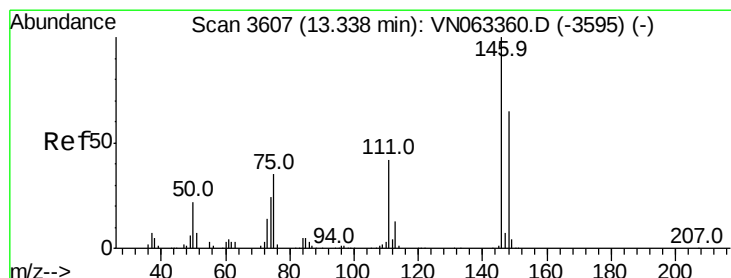
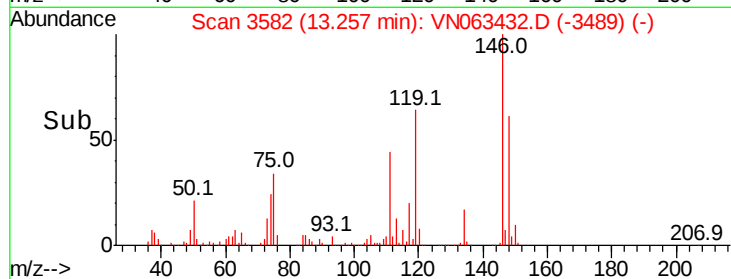
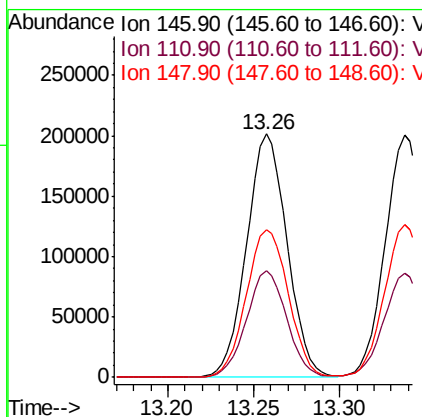
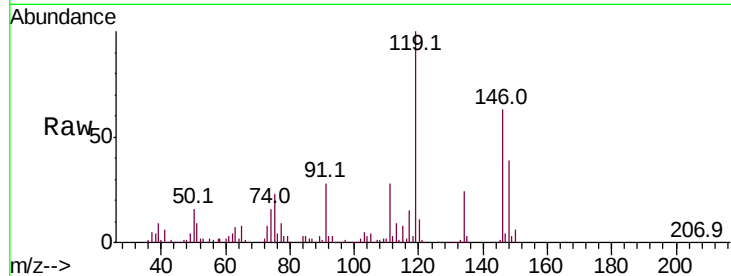




#87
 1,3-Dichlorobenzene
 Concen: 46.902 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063432.D
 Acq: 17 Sep 2020 20:24

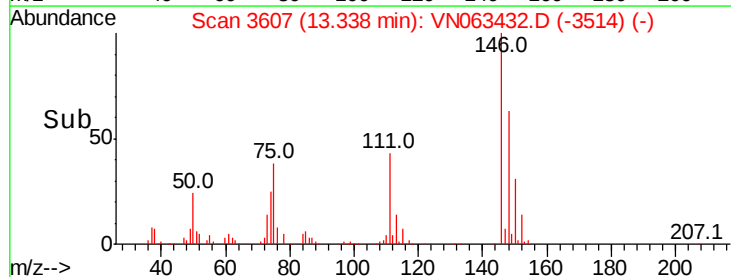
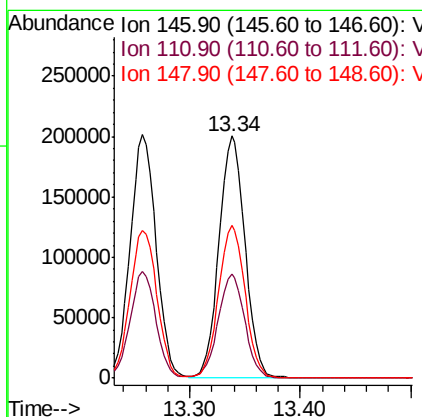
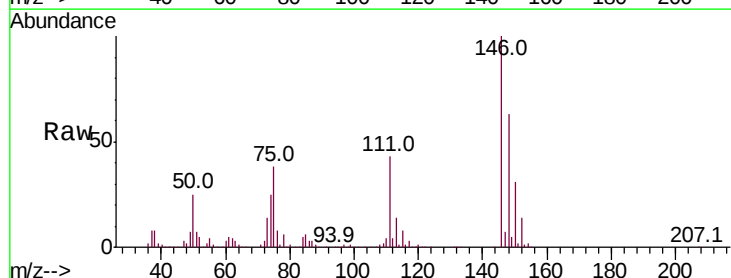
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

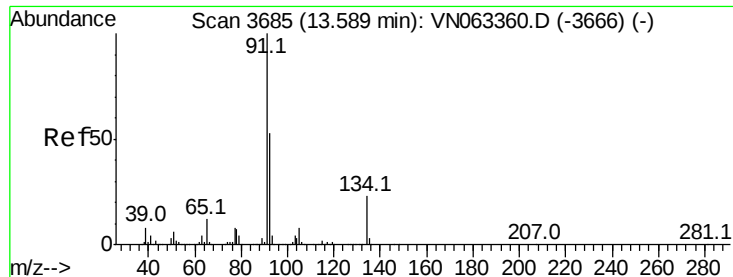
Tot Ion:146 Resp: 328944
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.4 64.3
 148 63.2 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 45.949 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063432.D
 Acq: 17 Sep 2020 20:24

Tgt Ion:146 Resp: 327644
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.2 63.6
 148 63.7 31.9 95.9





#89

n-Butylbenzene

Concen: 46.218 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

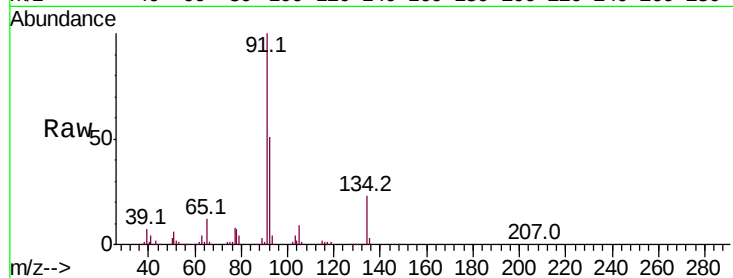
Tot Ion: 91 Resp: 582297

Ion Ratio Lower Upper

91 100

92 51.2 26.0 78.0

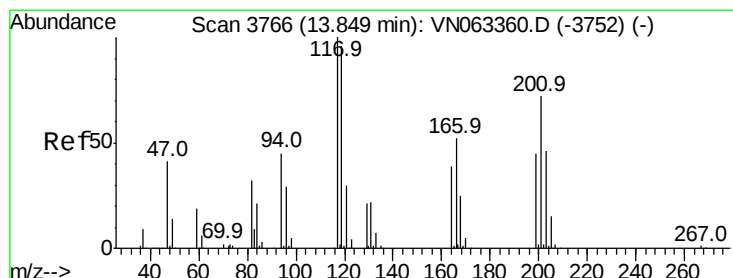
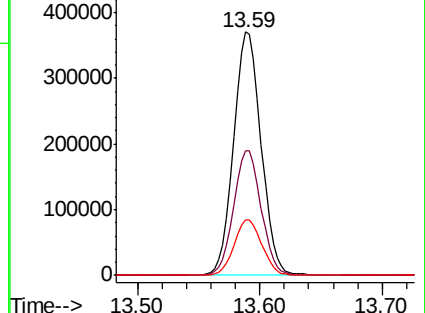
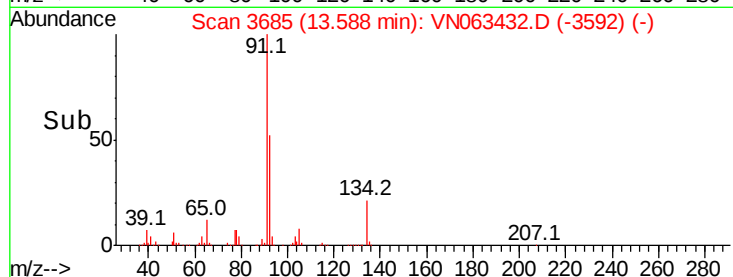
134 23.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN063432.D (-3592) (-)

Ion 92.00 (91.70 to 92.70): VN063432.D (-3592) (-)

Ion 134.00 (133.70 to 134.70): VN063432.D (-3592) (-)



#90

Hexachloroethane

Concen: 44.097 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063432.D

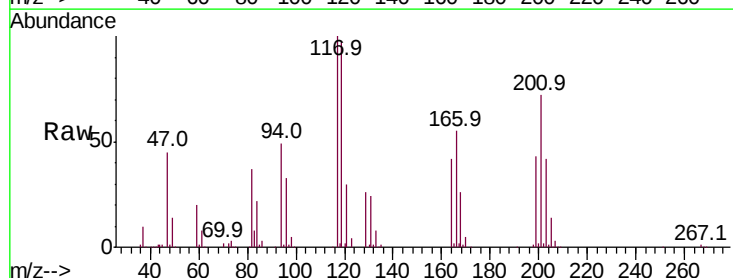
Acq: 17 Sep 2020 20:24

Tgt Ion: 117 Resp: 114772

Ion Ratio Lower Upper

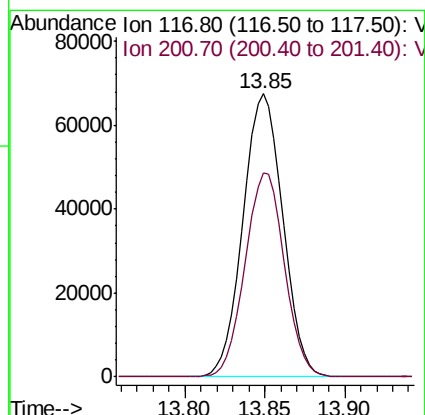
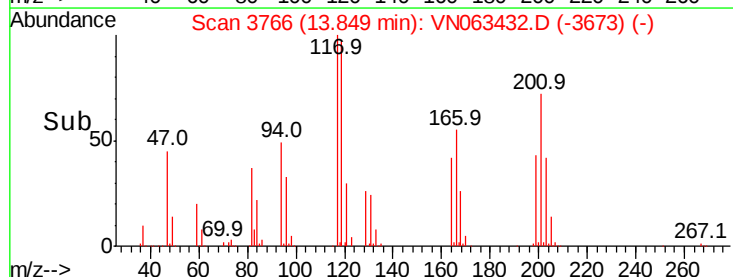
117 100

201 71.0 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063432.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063432.D (-3673) (-)

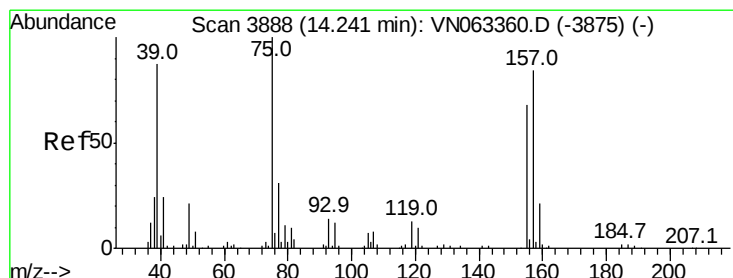
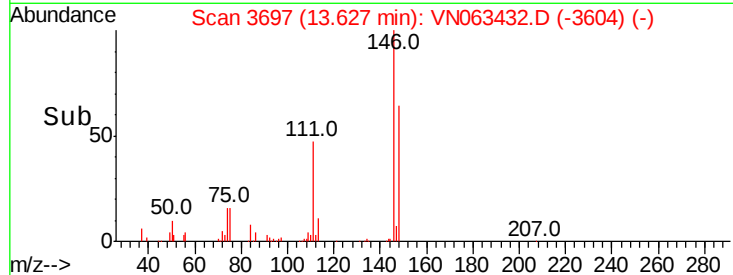
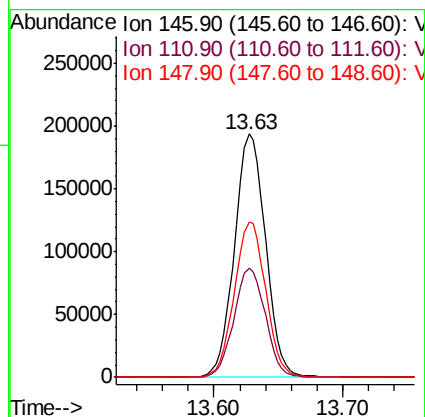
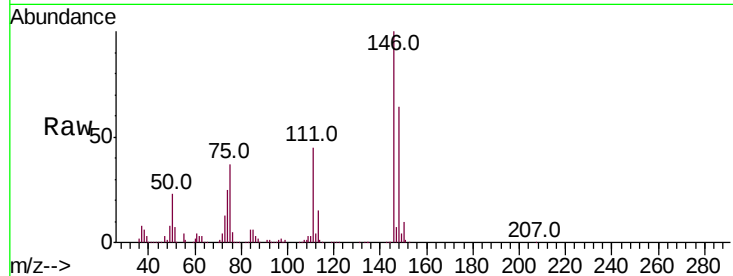




#91
 1,2-Dichlorobenzene
 Concen: 47.231 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063432.D
 Acq: 17 Sep 2020 20:24

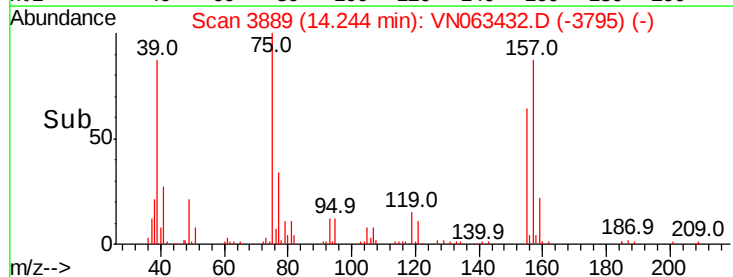
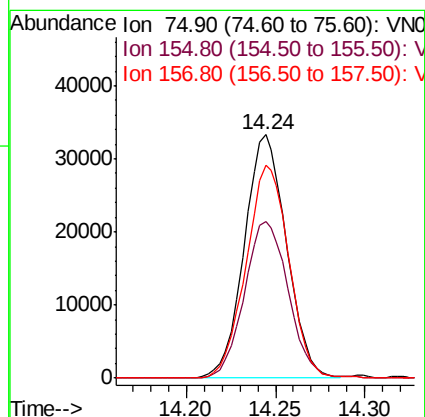
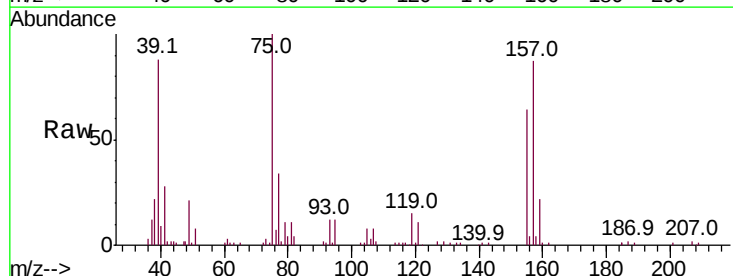
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

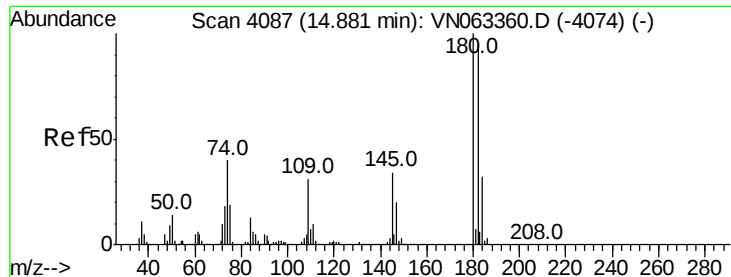
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.2	22.4	67.2
148	64.3	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.450 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063432.D
 Acq: 17 Sep 2020 20:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.9	34.6	103.9
157	88.7	43.7	131.1

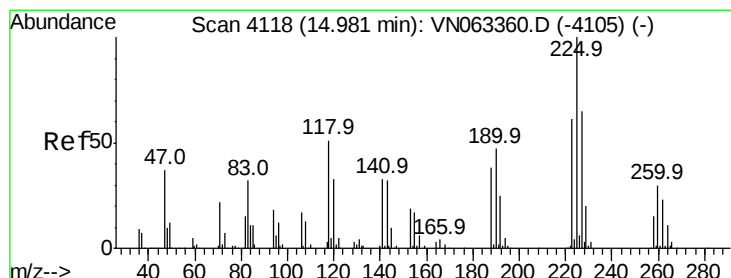
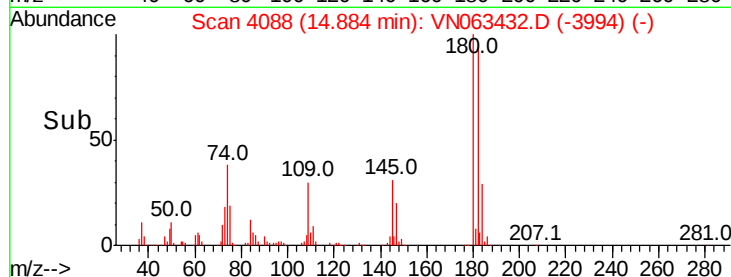
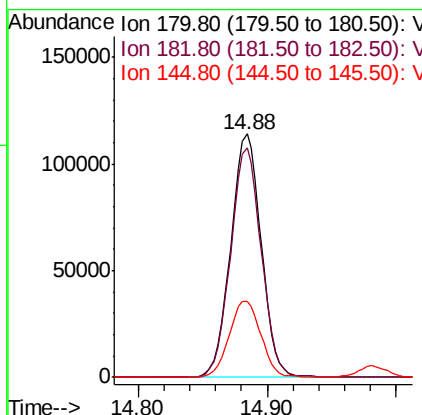
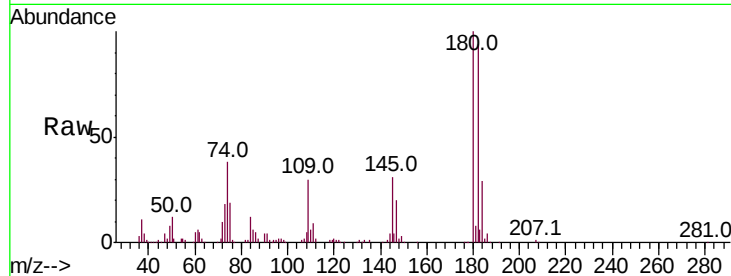




#93
 1,2,4-Trichlorobenzene
 Concen: 46.060 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063432.D
 Acq: 17 Sep 2020 20:24

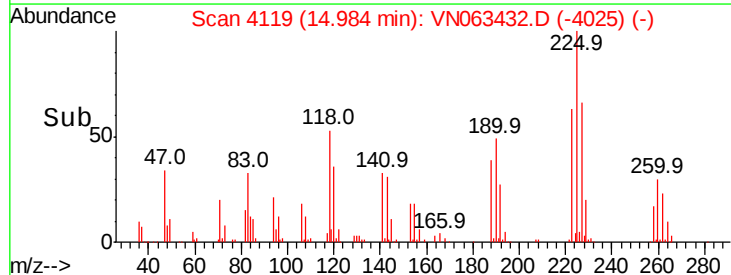
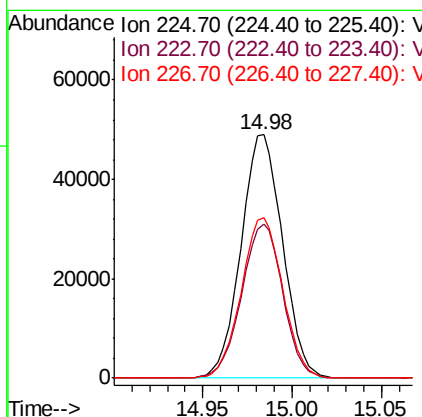
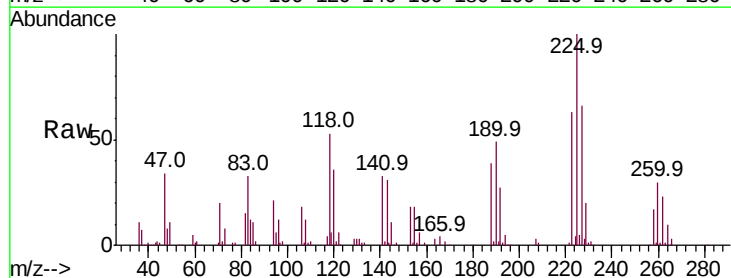
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

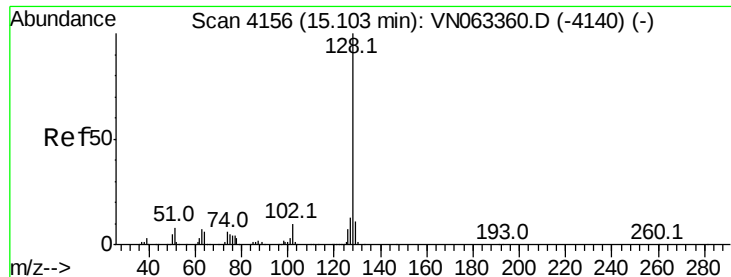
Tot Ion:180 Resp: 186973
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.3 142.0
 145 32.5 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 47.539 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063432.D
 Acq: 17 Sep 2020 20:24

Tgt Ion:225 Resp: 79890
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.6 91.6
 227 65.8 31.2 93.6





#95

Naphthalene

Concen: 45.915 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

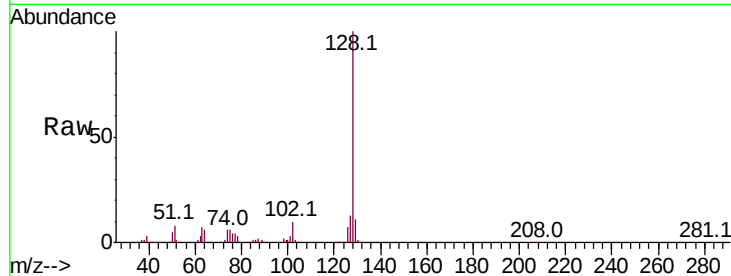
Tot Ion:128 Resp: 615782

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

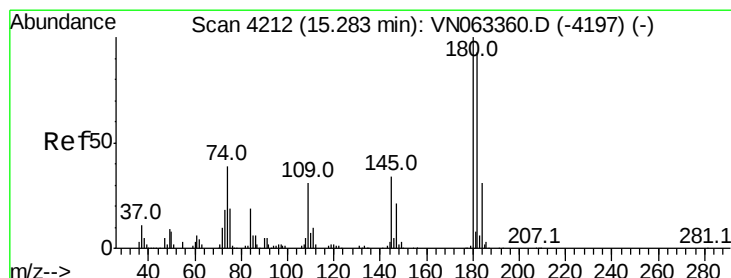
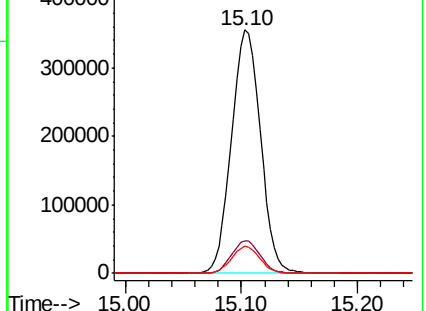
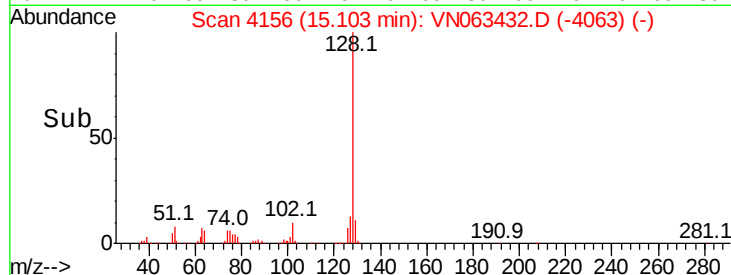
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.276 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063432.D

Acq: 17 Sep 2020 20:24

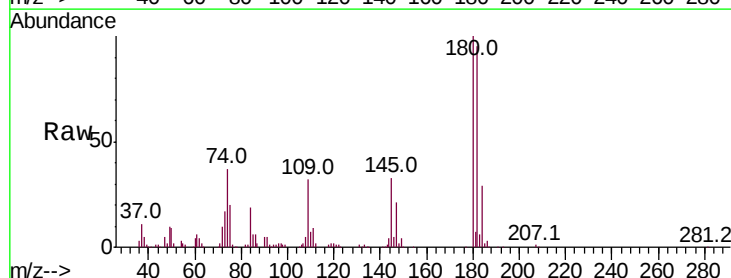
Tgt Ion:180 Resp: 177581

Ion Ratio Lower Upper

180 100

182 94.5 46.7 140.1

145 33.7 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

